

# SMOS

## SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A204 976

STATION:	#03154 Camp Pendleton, CA		
	LAT. 33:18 N. LONG. 117:21 W.		
PERIOD:	HOURLY: 1966-1983		
	DAILY: 1966-1987		
ELEVATION:	76 feet		
OB NO.	TASK	INABELD	DATE
			January 1989

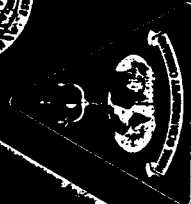
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure.		

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

From: Officer in Charge, Naval Oceanography Command Detachment Asheville

Subj: SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS)

1. Discussion. This edition of the SMOS was produced utilizing a revised software package. The product has been expanded to include station climatic summary tables and is considered a stand alone publication. This update includes the period of record (POR) through 1986 for all hourly and daily data. Our revised production methodology incorporates two computerized editing phases after the initial processing stage and a manual review and intervention of suspect data prior to the print phase. Every effort has been made to produce at least a 99.9 percent data perfect product based on the stations observation data. We have switched to a direct computer printout on standard computer paper instead of the previous print format. This results in a 85 percent print cost savings over our old specialized print format.

2. Weather Conditions. This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in two tables as follows:

Table 13 By month, all years combined, by standard 3-hour groups and all hours combined.

Table 14 By month and annual, all hours and years combined, by wind direction.

Occurrences of the various phenomena included in each category on the forms are listed below:

- a. Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.
- b. Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.
- c. Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.
- d. Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.
- e. Hail - Occurrences of hail and small hail are included.
- f. Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.
- g. Fog - Included are fog, ice fog, and ground fog.
- h. Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.
- i. Blowing snow - Occurrences of blowing snow also drifting snow when reported from non-WBAN sources.
- j. Dust and/or sand - Included are blowing dust, blowing sand, and dust.
- k. Blowing spray - This item if reported, is not shown in a separate category on this table but is included in the computation Percentage of Observations with Obstructions to Vision.



Accession No.	
NTIS	CPA
DAK	CPA
Unannounced	
Justified	
A-1	

1. Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

3. Atmospheric Phenomena Table 36: This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

a. The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

b. This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

4. Precipitation, Snowfall and Snow Depth. These elements are presented using the daily amounts and extreme value.

a. Tables 8, 9, and 10 provide for each element separately the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least).

b. Table 21 for each element presents the extreme daily amounts by individual month and day for the entire period of record available.

c. Tables 23, 24, and 25 provide for each element separately individual year and month extreme daily amounts and the means and standard deviations for each month and annual for all months combined.

NOTE 1: Snow depth was recorded and punched at various hours during the period available from U.S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

U.S. Navy and Weather Bureau Stations:

From beginning of record thru Jun 52 - Snow depth at 0030 UTC  
Jul 52 - May 57                      Snow depth at 1230 UTC  
Jun 57 - present                      Snow depth at 1200 UTC

NOTE 2: Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.



## 5. Surface Winds.

a. Extreme Values - Peak Gusts Table 27: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with <90% observations reported is also provided.

b. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

Table 1 contains three presentations prepared for all surface winds included, and for all years combined as follows:

- (a) By month - by standard 3-hour groups
- (b) By month - all hours combined
- (c) Annual - all hours combined

6. Ceiling Versus Visibility Table 2. This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- (a) By Month - by standard 3-hour groups
- (b) By Month - all years and all hours combined
- (c) Annual - all years and all hours combined

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minimal may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on the following pages.

Beginning in July 1948 for U. S. Air Force stations and January 1949 for National Weather Service (NWS) and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

# EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING											
≥ 1800											
≥ 1500					91.0						92.6
≥ 1200											
≥ 1000											
≥ 900											
≥ 800											
≥ 700											
≥ 600											
≥ 500											
≥ 400										97.4	98.1
≥ 300											
≥ 200											
≥ 100											
0					95.4		96.9		98.3		100.0

EXAMPLE # 1: Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table:

Ceiling ≥ 1500 feet = 92.6%.  
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2: Read visibilities independently of ceilings on bottom line opposite > 0. From the tables:

Visibility ≥ 3 miles = 95.4%.  
Visibility ≥ 2 miles = 96.9%.  
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3: To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

EXAMPLE # 4: Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5: To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  miles.

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

7. Sky Cover Table 11. This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover (see Note 3) and total number of observations. It is presented as follows:

By month and annual - by standard 3-hour groups, and all hours combined.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. NWS stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some data sources used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8	(or obscured) 10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

0/10 equates to clear  
 1/10 to 5/10 equates to scattered  
 6/10 to 9/10 equates to broken  
 10/10 equates to overcast

#### 8. Psychrometric Summaries.

a. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

Table 5 Daily maximum temperature  
Table 6 Daily minimum temperature  
Table 7 Daily mean temperature

b. Daily Average/Extreme Temperatures Table 29 derived observations and presented for each month and day for entire period of record available are average temperature, average and extreme maximum temperature, average and extreme minimum.

c. Extreme values - derived from daily observations with extreme value given for each year and month of records available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared:

Table 30 Extreme maximum temperature

Table 31 Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

d. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature Table 3. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

(1) The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression is 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total number of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

(2) Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of each page. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computations for each element is also shown.

(3) At the lower right of each page Table 40 gives the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

d. Means and standard deviations. These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

Table 15 Dry-bulb temperature

Table 16 Wet-bulb temperature

Table 17 Dew-point temperature

e. Cumulative percentage frequency of occurrence of relative humidity Table 12. This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

By Month and Annual - by standard 3-hour groups, and all hours combined with the hour groups being the vertical argument. All years are combined for this summary.

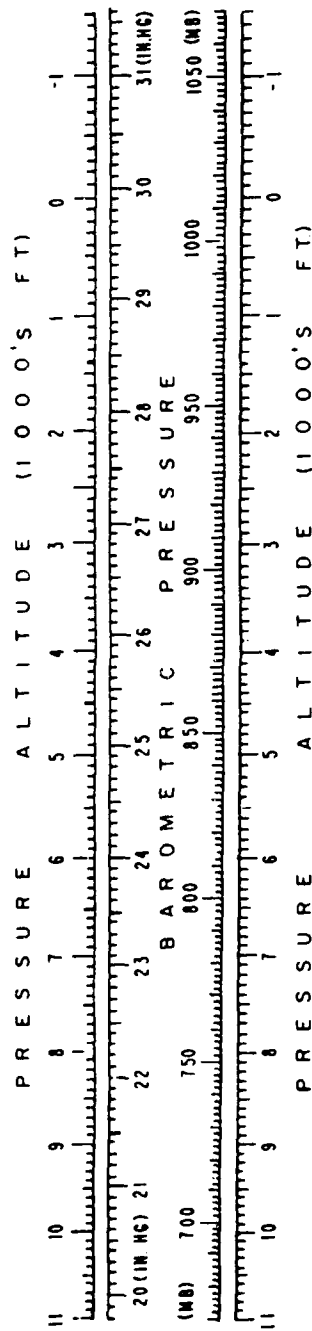
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction Table 4. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five degree increments and horizontally by eight wind directions (plus calm).

9. Pressure Summary. Two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times UTC. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables.

Table 18 Station pressure in inches of mercury

Table 19 Sea-level pressure in millibars

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure latitude in 1000's of feet. This scale is an enlarged model of the pressure latitude scale in the Smithsonian Meteorological Tables.



*M. L. Dickenson*  
M. L. DICKENSON

TABULATION: INDEXES BY NUMBER

### HOURLY DATA TABULATIONS :

NOTE: 28 AND 40 ARE SUB TABLES OF TABLE 3

11	SKYCOVER	--	HOUR	VS	SKYCOVER	AMTS	VS	MONTH
----	----------	----	------	----	----------	------	----	-------

13 WEATHER CONDITIONS -- HOUR VS WX CONDS VS

15 MEANS AND STANDARD DEVIATIONS (KEY PULB TEMPERATURE) -- 6Y MONTH

17 MEANS AND STANDARD DEVIATIONS (DELT POINT TEMPERATURE) -- BY MONTH

18	MEANS AND STANDARD DEVIATIONS (SEA LEVEL PRESSURE) -- BY MONTH
9	MEANS AND STANDARD DEVIATIONS (STATION PRESSURE) -- BY MONTH

## 20. FLYING WEATHER - PERCENT OF HOURS WITH : CLOUDS & VISIBILITY

DAILY DATA TABULATIONS :

6 DAILY MINIMUM TEMPERATURES -- DEGREE VS MONTH

8 DAILY AMOUNTS (PRECIPITATION) -- MONTH VS

DAILY AMOUNTS (SNOW DEPTH) == MONTH VS AMT

DAILY EXTREME AMOUNTS : PRECIPITATION

23 EXTREME VALUES : PRECIPITATION (24 HOUR TOTALS)

25 EXTREME VALUE : SNOW DEPTH -- YEAR VS MONTH

27 EXTREME

29 DAILY AVERAGES/EXTREME TEMPERATURES -- BY MONTH

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31 EXTREME VALUES : MINIMUM TEMPERATURE -- YEAR VS

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YEAR/MONTH VALUES : COOLING DEGREE DAYS--YEAR VS MONTH

YEAR/MONTH VALUES -- TOTAL PRECIPITATION

36 WEATHER CONDITIONS - MONTHLY AND WEATHER COM-  
37 STATION CLIMATIC SUMMARY

39 OMITTED  
38 OMITTED  
37

[illegible]

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 13N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JAN  
 CLASS : ALL WEATHER HOUR : 0100 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)											TOTAL	MEAN
16 PT.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED
DIR.														
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	3.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	3.7	.0
NE	1.7	5.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	8.5	4.8	.0
ENE	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0	.0
E	3.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	3.3	.0
ESE	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	1.7	10.0	.0
SE	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	3.4	12.5	.0
SSW	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	1.7	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	5.1	7.3	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0	.0
NNW	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	61.0	.0	.0
ALL	13.6	15.3	6.9	3.4	.0	.0	.0	.0	.0	.0	.0	100.0	2.2	.0

TOTAL NO. OF OBS : 59

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAME PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18' N LONG. : 117 21' W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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DIR. 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TOTAL NO. OF OBS : 79

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JAN  
 CLASS : ALL WEATHER HOUR : 0700 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 1		SPEED (KNOTS)																TOTAL		MEAN					
DIR.		1	3	4	6	7	10	11	16	17	21	22	27	29	33	34	40	41	47	48	55	>50	%	SPEED	
N		2.7		.7					.0		.0		.0		.0		.0		.0		.0		.0	3.4	3.0
NNE		2.4		4.7			1.0		.0		.0		.0		.0		.0		.0		.0		.0	8.1	4.4
NE		1.0		3.4			2.7		.7		.0		.0		.0		.0		.0		.0		.0	7.8	6.6
NNE		.7		5.1			2.4		.0		.0		.0		.0		.0		.0		.0		.0	8.1	5.9
E		1.0		1.7			.7		.0		.0		.0		.0		.0		.0		.0		.0	3.4	4.7
ESE		.7		.3			.0		.0		.0		.0		.0		.0		.0		.0		.0	.7	3.5
SE		1.0		.0			.0		.3		.0		.0		.0		.0		.0		.0		.0	1.4	4.8
SSE		.7		.0			.0		.0		.0		.3		.0		.0		.0		.0		.0	.7	13.0
S		.7		.3			.3		.3		.0		.0		.0		.0		.0		.0		.0	1.7	6.2
SSW		.3		.0			.7		.0		.0		.0		.0		.0		.0		.0		.0	.7	5.5
SW		.0		.0			.0		.0		.0		.0		.0		.0		.0		.0		.0	.0	.0
WSW		.7		.3			.0		.0		.0		.0		.0		.0		.0		.0		.0	1.0	3.3
W		.7		.0			.0		.0		.0		.0		.0		.0		.0		.0		.0	.7	1.5
WNW		.7		.0			.0		.3		.0		.0		.0		.0		.0		.0		.0	.7	8.5
NW		.3		.0			.0		.0		.0		.0		.0		.0		.0		.0		.0	.3	1.0
NNW		.7		.0			.0		.0		.0		.0		.0		.0		.0		.0		.0	.7	2.5
VAR		.0		.0			.0		.0		.0		.0		.0		.0		.0		.0		.0	.0	.0
CLM		.0		.0			.0		.0		.0		.0		.0		.0		.0		.0		.0	63.8	.0
ALL		13.2		16.6			7.4		1.7		.0		.3		.0		.0		.0		.0		.0	100.0	2.0

TOTAL NO. OF OBS : 296

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA P LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JAN  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																
16 PT.	1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIP.	1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	SPEED
N	1.3			1.1	1.1	1.1	.5	.0	.0	.0	.0	.0	.0	.0	4.0	5.9
NNE	1.3			2.7	1.1	1.1	.5	.0	.0	.0	.0	.0	.0	.0	5.6	5.7
NE	3.2			3.2	.8	1.1	1.1	.0	.3	.0	.0	.0	.0	.0	3.6	5.8
ENE	1.3			2.7	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	4.8	5.0
E	2.4			2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	3.4
ESE	.0			.3	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.7
SE	.8			.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.3	6.2
SSE	.0			.3	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.3
S	.8			.3	.3	.3	.5	.3	.0	.0	.0	.0	.0	.0	2.1	8.4
SSW	.3			.0	.3	.3	.5	.0	.0	.0	.0	.0	.0	.0	1.1	9.0
SW	.3			.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.3
WSW	.5			1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.2
W	.0			1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.6
WNW	.5			.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.6
NW	.8			.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.8
NNW	.5			.5	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.3	5.0
VAR	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57.4	.0
ALL	14.2			16.9	6.7	4.2	.3	.3	.3	.0	.0	.0	.0	.0	100.0	2.3

TOTAL NO. OF OBS : 373

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA R LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JAN  
 CLASS : ALL WEATHER HOUR : 1300 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-3	4-6	7-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75		
N	1.1	.5	.5	.5	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.8
NNE	.3	.0	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	9.9
NE	.6	.8	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.9
NNE	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.3
E	.3	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0
ESE	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.0
SE	.8	.3	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.3
SSE	.3	2.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.8
S	3.4	5.6	2.7	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	5.8
SSW	2.9	8.5	5.0	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.5	6.1
SW	1.6	7.7	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	5.8
WSW	2.1	6.1	5.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.6	6.6
W	.5	4.5	5.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.9	7.3
WNW	.8	.8	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.4
NW	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	17.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	.0
ALL	15.1	38.5	27.6	6.1	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 377

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.		SPEED (KNOTS)																TOTAL		MEAN								
16 PT.		1	2	3	4	5	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	>56	%			
N		.7				.5		.0		.3		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.8		
NNE		.0			1.4	.5		.3		.3		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0		
NE		.0			1.1	.5		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3		
ENE		.3			.0	.3		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.0		
E		.0			.3	.3		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.5		
ESE		.0			.3	.0		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0		
SE		1.1			.8	.0		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.3		
SSE		1.4			1.1	.5		.5		.5		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.2		
S		4.1			7.8	1.4		1.1		1.1		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	5.0		
SSW		2.4			8.1	2.7		.5		.5		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	5.8		
SW		3.2			8.6	3.8		.3		.3		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.9	5.3		
WSW		2.4			7.6	4.1		1.4		1.4		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.4	6.2		
W		1.4			5.9	5.1		.8		.8		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.5	6.8		
WNW		.3			1.9	1.9		.8		.8		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.6		
NW		.0			.5	.5		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.8		
NNW		.0			.0	.3		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.0		
VAR		.0			.0	.0		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM		.0			.0	.0		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ALL		16.8			45.9	21.9		5.9		5.9		.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.4		

TOTAL NO. OF OBS : 370

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)														
16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>50	TOTAL
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>50	2
N	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
NNE	5.6	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3
NE	4.3	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
ENE	1.9	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
E	3.1	2.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
ESE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
SE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
SSE	.6	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	1.2
S	3.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
SSW	.6	.6	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
SW	1.2	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
WSW	.0	1.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
W	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
WNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NW	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NNW	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	51.9
ALL	25.3	16.7	3.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

TOTAL NO. OF OBS : 102

NOTES :  
 # = PERCENT < .75

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA      P      LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987      MONTH : JAN  
 CLASS : ALL WEATHER      HOUR : 2200 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIRECTION	SPEED (KNOTS)																TOTAL		MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	%	%	%	%	%	%	WIND
N	.9	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.7	
NNE	2.7	3.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	4.1	
NE	5.5	4.5	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	3.8	
NNE	3.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	3.3	
E	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0	
S	.0	.9	.9	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	10.5	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	10.0	
WSW	.9	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.0	
W	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0	
WNW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50.2	.0	
ALL	16.4	17.3	5.5	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.0	

TOTAL NO. OF OBS : 110

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JAN

CLASS : ALL WEATHER

HOUP : ALL

CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	%	%	%	%	%	WIND
N	1.2	.7	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.3
NNE	1.7	2.2	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.1
NE	1.9	2.6	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.3
ENE	1.0	1.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.0
E	1.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.1
ESE	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.5
SE	.8	.4	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.1
SSE	.5	.7	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.7
S	2.1	3.0	1.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.9
SSW	1.3	3.5	1.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	6.1
SW	1.2	3.5	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	5.7
WSW	1.2	3.3	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	6.1
W	.7	2.5	2.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.8
WNW	.4	.7	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.7
NW	.7	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.6
NNW	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38.5	.0
ALL	15.9	26.9	13.9	4.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.5

TOTAL NO. OF OBS : 1F26

NOTES :  
\* = PERCENT < .75

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA

PERIOD OF RECORD : 1966-1987

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

MONTH : JAN

HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.5	39.7	41.4	43.1	44.8	46.6	46.6	46.6	46.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3
>=20000	15.5	41.4	43.1	44.8	46.6	48.3	48.3	48.3	48.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
>=18000	15.5	41.4	43.1	44.8	46.6	48.3	48.3	48.3	48.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
>=16000	15.5	41.4	43.1	44.8	46.6	48.3	48.3	48.3	48.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
>=14000	15.5	41.4	43.1	44.8	46.6	48.3	48.3	48.3	48.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
>=12000	15.5	43.1	44.8	46.6	48.3	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=10000	15.5	43.1	44.8	46.6	48.3	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=9000	15.5	43.1	44.8	46.6	48.3	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=8000	15.5	43.1	44.8	46.6	48.3	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=7000	15.5	43.1	44.8	46.6	48.3	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=6000	15.5	43.1	44.8	46.6	48.3	50.0	50.0	50.0	50.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=5000	15.5	44.8	46.6	48.3	50.0	53.4	53.4	53.4	53.4	55.2	55.2	55.2	55.2	55.2	56.9	56.9
>=4500	15.5	44.8	46.6	48.3	50.0	53.4	53.4	53.4	53.4	55.2	55.2	55.2	55.2	55.2	56.9	56.9
>=4000	15.5	44.8	46.6	48.3	50.0	53.4	53.4	53.4	53.4	55.2	55.2	55.2	55.2	55.2	56.9	56.9
>=3500	15.5	44.8	46.6	48.3	50.0	53.4	53.4	53.4	53.4	55.2	55.2	55.2	55.2	55.2	56.9	56.9
>=3000	15.5	46.6	48.3	50.0	51.7	56.9	56.9	56.9	56.9	58.6	58.6	58.6	58.6	58.6	60.3	60.3
>=2500	15.5	55.2	56.9	58.6	60.3	65.5	65.5	65.5	65.5	67.2	67.2	67.2	67.2	67.2	69.0	69.0
>=2000	15.5	60.3	62.1	63.8	67.2	72.4	72.4	72.4	72.4	74.1	74.1	74.1	74.1	74.1	75.9	75.9
>=1800	15.5	60.3	62.1	63.8	67.2	72.4	72.4	72.4	72.4	74.1	74.1	74.1	74.1	74.1	75.9	75.9
>=1500	15.5	65.5	67.2	69.0	72.4	77.6	77.6	77.6	77.6	79.3	79.3	79.3	79.3	79.3	81.0	81.0
>=1200	15.5	65.5	67.2	69.0	72.4	77.6	77.6	77.6	77.6	79.3	79.3	79.3	79.3	79.3	81.0	81.0
>=1000	15.5	65.5	67.2	70.7	74.1	79.3	79.3	79.3	79.3	81.0	81.0	81.0	81.0	81.0	82.8	82.8
>=900	15.5	65.5	67.2	70.7	74.1	79.3	79.3	79.3	79.3	81.0	81.0	81.0	81.0	81.0	82.8	82.8
>=800	15.5	65.5	67.2	70.7	74.1	79.3	79.3	79.3	79.3	81.0	81.0	81.0	81.0	81.0	82.8	82.8
>=700	15.5	65.5	67.2	70.7	74.1	79.3	79.3	79.3	79.3	81.0	81.0	81.0	81.0	81.0	82.8	82.8
>=600	15.5	65.5	67.2	70.7	74.1	79.3	79.3	79.3	79.3	81.0	81.0	81.0	81.0	81.0	82.8	82.8
>=500	15.5	65.5	69.0	72.4	75.9	81.0	81.0	81.0	81.0	82.8	82.8	82.8	82.8	82.8	84.5	84.5
>=400	15.5	65.5	69.0	72.4	75.9	81.0	81.0	81.0	81.0	82.8	82.8	82.8	82.8	82.8	84.5	84.5
>=300	15.5	65.5	69.0	72.4	75.9	81.0	81.0	81.0	81.0	82.8	82.8	82.8	82.8	82.8	84.5	84.5
>=200	15.5	65.5	69.0	72.4	75.9	81.0	81.0	81.0	81.0	82.8	82.8	82.8	82.8	82.8	84.5	84.5
>=100	15.5	65.5	69.0	72.4	75.9	81.0	81.0	81.0	81.0	82.8	82.8	82.8	82.8	82.8	84.5	84.5
>=0	15.5	65.5	69.0	72.4	75.9	81.0	81.0	81.0	81.0	82.8	82.8	82.8	82.8	82.8	84.5	84.5

TOTAL NO. OF OBS : 58



## 2 - CEILING VS VISIBILITY

001154 : CAME PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	11.5	53.8	55.1	56.4	57.7	57.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=20000	11.5	55.1	56.4	57.7	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=18000	11.5	55.1	56.4	57.7	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=16000	11.5	55.1	56.4	57.7	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=14000	11.5	55.1	56.4	57.7	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=12000	11.5	55.1	56.4	57.7	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=10000	11.5	55.1	56.4	57.7	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=9000	11.5	55.1	56.4	57.7	59.0	59.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=8000	11.5	56.4	57.7	59.0	60.3	60.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=7000	11.5	57.7	59.0	60.3	61.5	61.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=6000	11.5	57.7	59.0	60.3	61.5	61.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=5000	11.5	60.3	61.5	62.8	66.7	66.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=4500	11.5	60.3	61.5	62.8	66.7	66.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=4000	11.5	60.3	61.5	62.8	66.7	66.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=3500	11.5	61.5	62.8	64.1	67.9	67.9	69.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>=3000	11.5	65.4	66.7	67.9	71.8	71.8	73.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>=2500	11.5	70.5	71.8	73.1	76.9	76.9	78.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>=2000	11.5	71.8	73.1	74.4	79.5	79.5	80.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
>=1800	11.5	71.8	73.1	74.4	79.5	79.5	80.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
>=1500	11.5	73.1	74.4	75.6	82.1	82.1	84.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>=1200	11.5	73.1	74.4	75.6	82.1	82.1	84.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>=1000	11.5	75.6	76.9	78.2	84.6	84.6	87.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=900	11.5	75.6	76.9	78.2	84.6	84.6	87.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=800	11.5	75.6	76.9	78.2	84.6	84.6	87.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=700	11.5	75.6	76.9	78.2	84.6	84.6	87.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=600	11.5	75.6	78.2	79.5	87.2	87.2	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=500	11.5	76.9	79.5	80.8	88.5	88.5	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>=400	11.5	76.9	79.5	80.8	88.5	88.5	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>=300	11.5	76.9	79.5	80.8	88.5	88.5	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=200	11.5	76.9	79.5	80.8	88.5	88.5	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=100	11.5	76.9	79.5	80.8	88.5	88.5	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=0	11.5	76.9	79.5	80.8	88.5	88.5	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NO. OF OBS : 76

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.7	52.2	52.6	53.6	54.3	54.3	54.3	54.3	54.3	54.7	55.0	56.1	56.1	57.3
>=20000	28.0	55.4	55.7	56.7	57.1	57.4	57.4	57.4	57.4	58.5	58.8	59.9	59.9	61.6
>=18000	28.0	55.4	55.7	56.7	57.1	57.4	57.4	57.4	57.4	58.5	58.8	59.9	59.9	61.6
>=16000	28.4	55.7	56.1	57.1	57.4	57.8	57.8	57.8	57.8	58.8	59.2	60.2	60.2	61.9
>=14000	28.4	56.1	56.4	57.4	57.8	58.1	58.1	58.1	58.1	59.2	59.5	60.6	61.2	62.3
>=12000	29.1	57.1	58.1	59.2	59.5	59.9	59.9	59.9	59.9	60.9	61.2	62.3	63.0	64.0
>=10000	29.1	59.5	60.9	61.9	62.3	62.6	62.6	62.6	62.6	63.7	64.0	65.1	65.7	66.8
>=9000	29.1	59.5	61.2	62.3	62.6	63.0	63.0	63.0	63.0	64.0	64.4	65.4	66.1	67.1
>=8000	29.1	60.2	61.9	63.0	63.3	63.7	63.7	63.7	63.7	64.7	65.1	66.1	66.8	67.8
>=7000	29.4	60.9	62.6	63.7	64.0	64.4	64.4	64.4	64.4	65.4	65.7	66.8	67.5	68.5
>=6000	29.4	60.9	62.6	63.7	64.0	64.4	64.4	64.4	64.4	65.4	65.7	66.8	67.5	68.5
>=5000	29.4	61.2	63.0	64.0	64.4	64.7	64.7	64.7	64.7	66.1	66.4	67.5	68.5	69.6
>=4500	29.4	61.9	63.7	64.7	65.1	65.4	65.4	65.4	65.4	66.8	67.1	68.2	69.2	70.2
>=4000	29.8	63.3	65.1	66.1	66.4	66.8	66.8	66.8	66.8	68.2	68.5	69.6	70.6	71.6
>=3500	30.4	64.7	66.4	67.5	67.8	68.2	68.2	68.2	68.2	69.9	70.2	71.3	72.3	73.4
>=3000	31.8	67.5	69.2	70.2	70.9	71.3	71.3	71.3	71.3	73.0	73.4	74.4	75.4	76.5
>=2500	32.2	68.5	70.2	71.6	72.3	72.7	72.7	72.7	72.7	74.7	75.1	76.1	77.2	78.2
>=2000	32.5	70.9	73.0	75.4	76.1	76.5	76.5	76.5	76.5	78.9	79.2	80.3	81.3	82.4
>=1800	32.5	70.9	73.0	75.4	76.1	76.5	76.5	76.5	76.5	78.9	79.2	80.3	81.3	82.4
>=1500	33.2	72.3	74.4	76.8	77.5	78.5	78.5	78.5	78.5	81.0	81.3	82.4	83.4	84.4
>=1200	33.2	72.3	74.4	76.8	77.5	78.5	78.5	78.5	78.5	81.0	81.3	82.4	83.4	84.4
>=1000	33.2	73.4	75.4	77.2	77.9	79.2	79.2	79.2	79.2	81.7	82.0	83.0	84.1	85.1
>=900	33.2	73.4	75.4	77.2	77.9	79.2	79.2	79.2	79.2	81.7	82.0	83.0	84.1	85.1
>=800	33.2	73.4	75.4	77.2	77.9	79.2	79.2	79.2	79.2	81.7	82.0	83.0	84.1	85.1
>=700	33.2	73.4	75.4	77.2	77.9	79.2	79.2	79.2	79.2	81.7	82.0	83.0	84.1	85.1
>=600	33.2	73.7	75.8	77.5	78.4	80.6	80.6	80.6	80.6	83.0	83.4	84.4	85.4	86.4
>=500	33.2	73.7	76.5	77.5	78.4	80.6	80.6	80.6	80.6	83.0	83.4	84.4	85.4	86.4
>=400	33.2	73.7	76.5	77.5	78.4	80.6	80.6	80.6	80.6	83.0	83.4	84.4	85.4	86.4
>=300	33.2	73.7	76.5	77.5	78.4	80.6	80.6	80.6	80.6	83.0	83.4	84.4	85.4	86.4
>=200	33.2	73.7	76.5	77.5	78.4	80.6	80.6	80.6	80.6	83.0	83.4	84.4	85.4	86.4
>=100	33.2	73.7	76.5	77.5	78.4	80.6	80.6	80.6	80.6	83.0	83.4	84.4	85.4	86.4
>=0	33.2	73.7	76.5	77.5	78.4	80.6	80.6	80.6	80.6	83.0	83.4	84.4	85.4	86.4

TOTAL NO. OF OBS : 289

# 2 - CEILING VS VISIBILITY

003154 : CAMP. PENDELTON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	34.2	58.9	59.7	60.3	60.6	60.8	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=20000	36.7	64.4	65.3	65.8	66.4	67.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=14000	36.7	65.0	65.8	66.4	66.9	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=16000	36.7	65.0	65.8	66.4	66.9	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=14000	36.9	65.8	66.7	67.2	67.8	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=12000	37.8	66.7	67.5	68.1	68.6	69.4	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=10000	38.1	68.1	69.2	69.7	70.3	71.1	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=9000	38.1	68.1	69.2	69.7	70.3	71.1	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=8000	38.6	69.4	70.6	71.1	71.7	72.5	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=7000	39.2	70.0	71.1	71.7	72.2	73.1	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>=6000	39.2	70.0	71.1	71.7	72.2	73.1	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>=5000	39.4	70.3	71.9	72.8	73.3	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>=4500	39.7	71.4	72.5	73.3	73.9	74.7	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>=4000	40.3	72.2	73.6	74.4	75.0	75.8	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>=3500	40.3	73.6	75.0	75.8	76.7	77.5	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>=3000	41.4	77.2	78.6	79.4	80.6	81.4	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>=2500	41.4	78.1	79.7	80.8	82.2	83.1	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
>=2000	42.5	80.3	81.9	83.3	84.7	85.6	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>=1800	42.5	80.6	82.2	83.6	85.3	86.1	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=1500	42.8	80.8	82.5	83.9	86.1	86.9	87.5	88.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=1200	43.3	82.2	84.2	85.6	87.8	88.9	90.3	91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9
>=1000	43.3	82.8	84.7	86.4	88.9	90.6	91.9	92.8	93.3	93.6	93.6	93.6	93.6	93.6	93.6
>=900	43.3	83.3	85.3	86.9	89.4	91.1	92.5	93.6	94.2	94.4	94.4	94.4	94.4	94.4	94.4
>=800	43.3	83.6	85.6	87.2	89.7	91.7	93.1	94.4	95.3	95.8	95.8	95.8	95.8	95.8	95.8
>=700	43.3	83.6	85.6	87.2	89.7	91.7	93.1	94.4	95.3	96.1	96.1	96.1	96.1	96.1	96.1
>=600	43.3	83.6	85.6	87.2	89.7	91.7	93.1	94.4	95.3	96.1	96.4	96.4	96.4	96.4	96.4
>=500	43.3	83.6	85.6	87.2	89.7	91.7	93.1	94.7	95.8	96.9	97.2	97.2	97.2	97.2	97.2
>=400	43.3	83.6	85.6	87.2	90.0	91.9	93.3	95.0	96.1	97.5	97.8	97.8	97.8	97.8	97.8
>=300	43.3	83.6	85.6	87.2	90.0	91.9	93.3	95.0	96.1	97.8	98.3	98.3	98.3	98.3	98.3
>=200	43.3	83.6	85.6	87.2	90.0	91.9	93.3	95.0	96.1	97.8	98.3	98.3	98.3	98.3	98.3
>=100	43.3	83.6	85.6	87.2	90.0	91.9	93.3	95.0	96.1	97.8	98.3	98.3	98.3	98.3	98.3
>=0	43.3	83.6	85.6	87.2	90.0	91.9	93.3	95.0	96.1	97.6	98.3	98.3	98.3	98.3	98.3

TOTAL NO. OF OBS : 360

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JAN  
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	39.1	58.2	59.8	59.6	60.9	62.3	62.8	62.8	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>=2000	42.1	64.8	66.7	66.7	67.8	69.1	69.9	69.9	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>=1800	42.6	65.8	67.8	67.8	68.9	70.2	71.0	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>=1600	42.6	65.8	67.8	67.8	68.9	70.2	71.0	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>=1400	43.2	66.7	68.6	68.6	69.7	71.0	71.9	71.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=1200	43.2	67.8	69.9	69.9	71.0	72.4	73.2	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>=1000	44.3	70.5	72.7	73.0	74.0	75.4	76.2	76.2	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>=900	44.3	70.5	72.7	73.0	74.0	75.4	76.2	76.2	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>=800	44.8	71.9	74.3	74.6	75.7	77.0	77.9	77.9	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>=700	45.1	72.1	74.6	74.9	76.0	77.3	78.1	78.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
>=600	45.4	72.4	74.9	75.1	76.2	77.6	78.4	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>=500	45.6	73.0	75.7	76.0	77.0	78.4	79.2	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>=450	45.9	73.5	76.2	76.5	77.6	79.0	79.8	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>=400	46.4	74.6	77.6	78.1	79.2	80.6	81.4	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>=350	47.3	76.0	79.5	80.1	81.1	82.5	83.6	83.6	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
>=300	49.2	79.2	83.1	83.9	85.0	86.3	87.4	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>=250	50.3	81.7	85.5	86.3	88.0	89.3	90.4	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=200	50.8	83.1	86.9	87.7	89.3	90.7	91.8	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=1800	50.8	83.1	86.9	87.7	89.3	90.7	91.8	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=1500	51.1	84.4	88.8	89.6	91.5	92.9	94.3	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>=1200	51.1	85.0	89.3	90.2	92.1	93.7	95.1	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>=1000	51.1	85.5	90.2	91.0	93.2	94.9	96.2	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=900	51.1	86.1	90.7	91.8	94.0	95.6	97.0	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>=800	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=700	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=600	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=500	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=400	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=300	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=200	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=100	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=0	51.1	86.1	91.0	92.1	94.3	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NO. OF OPS : 366

# CEILING VS VISIBILITY

R

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	35.3	59.9	60.7	61.3	61.9	62.7	63.3	63.6	63.6	63.6	63.8	63.8	63.8	63.8	64.1	64.1	64.1	64.1
>=2000	37.3	64.7	65.8	66.4	66.9	67.3	67.9	68.6	68.6	68.6	68.9	68.9	68.9	68.9	69.2	69.2	69.2	69.2
>=1800	38.1	66.4	67.5	68.1	68.6	69.0	69.6	70.3	70.3	70.6	70.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2
>=1600	39.3	68.4	69.5	70.1	70.6	71.3	72.3	72.6	72.6	72.6	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2
>=1400	40.4	70.1	71.2	71.8	72.6	73.7	74.3	74.6	74.6	74.6	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1
>=1200	42.1	72.9	74.3	75.1	76.0	77.1	77.7	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.5	78.5	78.5	78.5
>=1000	42.7	74.3	75.7	76.6	77.4	78.5	79.1	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9
>=800	43.2	74.9	76.3	77.1	78.0	79.1	79.7	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5
>=600	43.2	74.9	76.3	77.1	78.0	79.1	79.7	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5
>=500	44.1	76.5	78.2	79.1	79.9	80.8	81.4	81.6	81.6	81.6	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2
>=400	44.1	76.6	78.2	79.1	79.9	80.8	81.4	81.6	81.6	81.6	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2
>=300	44.4	77.7	79.4	80.2	81.1	82.2	82.8	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6
>=200	44.6	78.8	80.5	81.6	82.5	83.6	84.2	84.5	84.5	84.5	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0
>=100	45.2	80.2	82.2	83.3	84.2	85.3	85.9	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7
>=50	46.0	81.9	84.2	85.6	86.4	87.6	88.4	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3
>=20	46.9	84.2	86.4	87.9	89.0	90.1	91.0	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8
>=10	46.9	84.7	87.0	88.7	89.8	91.1	92.4	92.7	92.7	92.7	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5
>=5	46.9	85.3	87.9	89.5	91.0	92.4	94.1	94.6	94.6	94.6	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5
>=2	46.9	85.3	87.9	89.5	91.2	92.7	94.4	94.9	94.9	94.9	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
>=1	46.9	85.6	88.1	89.6	91.5	93.2	94.9	95.5	95.5	95.5	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6
>=0.5	46.9	85.6	88.4	90.1	92.4	94.1	96.0	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6
>=0.2	46.9	85.6	88.4	90.1	92.4	94.1	96.3	97.5	97.5	97.5	98.6	98.6	98.6	98.6	99.2	99.2	99.2	99.2
>=0.1	46.9	85.6	88.4	90.1	92.4	94.1	96.3	97.5	97.5	97.5	98.6	98.6	98.6	98.6	99.4	99.4	99.4	99.4
>=0.05	46.9	85.9	88.7	90.4	92.7	94.4	96.6	97.7	97.7	97.7	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7
>=0.02	46.9	85.9	88.7	90.4	92.7	94.4	96.6	97.7	97.7	97.7	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7
>=0.01	46.9	85.9	88.7	90.4	92.7	94.4	96.6	97.7	97.7	97.7	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 354

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 1900 LST

R

CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																		
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	14.6	52.2	52.9	54.1	56.1	56.7	57.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	
>=2000	14.6	56.1	56.7	58.0	60.5	61.1	62.4	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
>=1800	14.6	56.7	57.3	58.6	61.1	61.8	63.1	64.3	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
>=1600	14.6	56.7	57.3	58.6	61.1	61.8	63.1	64.3	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
>=1400	14.6	57.3	58.0	59.2	61.8	62.4	63.7	65.0	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
>=1200	14.6	57.3	58.6	59.9	62.4	63.1	64.3	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
>=1000	15.3	59.9	61.1	62.4	65.0	65.6	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
>=900	15.3	59.9	61.1	62.4	65.0	65.6	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
>=800	15.3	61.1	62.4	63.7	66.2	66.9	68.8	70.1	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
>=700	15.3	61.8	63.1	64.3	66.9	67.5	69.4	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
>=600	15.3	61.8	63.1	64.3	66.9	67.5	69.4	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
>=500	15.3	63.1	64.3	65.6	68.2	68.8	70.1	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
>=450	15.3	63.7	65.0	66.9	69.4	70.1	72.0	73.2	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
>=400	15.3	64.3	65.6	67.5	70.1	70.7	72.6	73.9	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
>=350	15.3	64.3	65.6	67.5	70.1	70.7	72.6	73.9	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
>=300	15.3	68.8	70.7	72.6	75.2	75.8	77.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
>=250	15.3	71.3	73.9	75.8	78.3	79.6	80.9	82.8	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
>=200	15.3	72.6	75.2	77.1	79.6	80.3	82.2	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
>=180	15.3	72.6	75.2	77.1	79.6	80.3	82.2	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
>=150	15.3	73.2	76.4	78.3	80.9	81.5	83.4	86.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
>=120	15.3	73.9	77.1	79.6	82.2	82.8	84.7	87.3	87.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
>=100	15.3	75.2	78.3	80.9	83.4	84.1	86.6	89.8	89.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
>=90	15.3	75.8	79.6	81.5	84.1	84.7	87.3	90.4	90.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
>=80	15.3	75.8	79.6	82.2	84.7	85.4	87.9	91.1	91.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>=70	15.3	75.8	79.6	82.2	84.7	85.4	87.9	91.1	91.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
>=60	15.3	76.4	80.3	82.8	85.4	86.0	88.5	91.7	91.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
>=50	15.3	76.4	80.9	83.4	86.0	86.6	89.8	93.0	93.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
>=40	15.3	76.4	80.9	83.4	86.0	86.6	89.8	93.0	93.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
>=30	15.3	76.4	80.9	83.4	86.0	86.6	89.8	93.0	93.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
>=20	15.3	76.4	80.9	83.4	86.0	86.6	89.8	93.0	93.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
>=10	15.3	76.4	80.9	83.4	86.0	86.6	89.8	93.0	93.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
>=0	15.3	76.4	80.9	83.4	86.0	86.6	89.8	93.0	93.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	

TOTAL NO. OF OPS : 157

# C - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JAN  
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2 1/2	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4
UNLIMIT	11.1	47.2	49.1	50.9	53.7	54.9	55.6	56.5	56.5	58.3	59.3	59.3	59.3	59.3	59.3	59.3
>=2000	11.1	48.1	50.0	51.9	54.6	55.6	56.5	57.4	57.4	59.3	60.2	60.2	60.2	60.2	60.2	60.2
>=1800	11.1	48.1	50.0	52.0	55.6	56.5	57.4	58.3	58.3	60.2	61.1	61.1	61.1	61.1	61.1	61.1
>=1600	11.1	48.1	50.0	52.0	55.6	56.5	57.4	58.3	58.3	60.2	61.1	61.1	61.1	61.1	61.1	61.1
>=1400	11.1	48.1	50.0	52.0	55.6	56.5	57.4	58.3	58.3	60.2	61.1	61.1	61.1	61.1	61.1	61.1
>=1200	11.1	48.1	50.0	52.0	55.6	56.5	57.4	58.3	58.3	60.2	61.1	61.1	61.1	61.1	61.1	61.1
>=1000	11.1	50.0	52.0	54.6	57.4	58.3	60.2	61.1	61.1	63.0	63.9	63.9	63.9	63.9	63.9	63.9
>=900	11.1	50.0	52.0	54.6	57.4	58.3	60.2	61.1	61.1	63.0	63.9	63.9	63.9	63.9	63.9	63.9
>=800	11.1	50.0	52.0	54.6	57.4	58.3	60.2	61.1	61.1	63.0	63.9	63.9	63.9	63.9	63.9	63.9
>=700	11.1	51.9	54.6	56.5	59.3	60.2	61.1	62.0	62.0	63.9	64.8	64.8	64.8	64.8	64.8	64.8
>=600	11.1	51.9	54.6	56.5	59.3	60.2	61.1	62.0	62.0	63.9	64.8	64.8	64.8	64.8	64.8	64.8
>=500	11.1	53.7	56.5	58.3	62.0	63.0	64.8	65.7	65.7	67.6	68.5	68.5	68.5	68.5	68.5	68.5
>=450	11.1	53.7	56.5	58.3	62.0	63.0	64.8	65.7	65.7	67.6	68.5	68.5	68.5	68.5	68.5	68.5
>=400	11.1	53.7	56.5	58.3	62.0	63.0	64.8	65.7	65.7	67.6	68.5	68.5	68.5	68.5	68.5	68.5
>=350	11.1	55.6	58.3	60.2	63.0	63.9	65.7	66.6	66.6	68.5	69.4	69.4	69.4	69.4	69.4	69.4
>=300	11.1	57.4	60.2	62.0	65.7	66.6	68.5	69.4	69.4	71.3	72.2	72.2	72.2	72.2	72.2	72.2
>=250	11.1	63.0	65.7	67.6	71.3	73.1	75.0	76.9	76.9	78.7	79.6	79.6	79.6	79.6	79.6	79.6
>=200	11.1	65.7	68.5	70.4	74.1	75.9	77.8	79.6	79.6	81.5	82.4	82.4	82.4	82.4	82.4	82.4
>=1800	11.1	65.7	68.5	70.4	74.1	75.9	77.8	79.6	79.6	81.5	82.4	82.4	82.4	82.4	82.4	82.4
>=1600	11.1	66.7	70.4	73.1	76.9	78.7	81.5	82.4	82.4	84.3	85.2	85.2	85.2	85.2	85.2	85.2
>=1400	11.1	66.7	70.4	73.1	76.9	78.7	81.5	82.4	82.4	84.3	85.2	85.2	85.2	85.2	85.2	85.2
>=1200	11.1	66.7	70.4	73.1	76.9	78.7	81.5	82.4	82.4	84.3	85.2	85.2	85.2	85.2	85.2	85.2
>=1000	11.1	70.4	75.0	77.8	81.5	83.3	86.1	87.0	87.0	88.9	89.8	89.8	89.8	89.8	89.8	89.8
>=900	11.1	70.4	75.0	77.8	81.5	83.3	86.1	87.0	87.0	88.9	89.8	89.8	89.8	89.8	89.8	89.8
>=800	11.1	70.4	75.0	77.8	81.5	83.3	86.1	87.0	87.0	88.9	89.8	89.8	89.8	89.8	89.8	89.8
>=700	11.1	70.4	75.0	77.8	81.5	83.3	86.1	87.0	87.0	88.9	89.8	89.8	89.8	89.8	89.8	89.8
>=600	11.1	70.4	75.0	77.8	81.5	83.3	86.1	87.0	87.0	88.9	89.8	89.8	89.8	89.8	89.8	89.8
>=500	11.1	70.4	75.0	77.8	81.5	83.3	86.1	87.0	87.0	88.9	89.8	89.8	89.8	89.8	89.8	89.8
>=400	11.1	71.3	75.0	79.6	83.3	87.0	90.7	91.7	91.7	93.5	94.4	94.4	94.4	94.4	94.4	94.4
>=300	11.1	71.3	75.0	79.6	83.3	87.0	90.7	91.7	91.7	93.5	94.4	94.4	94.4	94.4	94.4	94.4
>=200	11.1	71.3	75.0	79.6	83.3	87.0	90.7	91.7	91.7	93.5	94.4	94.4	94.4	94.4	94.4	94.4
>=100	11.1	71.3	75.0	79.6	83.3	87.0	90.7	91.7	91.7	93.5	94.4	94.4	94.4	94.4	94.4	94.4
>= 0	11.1	71.3	75.0	79.6	83.3	87.0	90.7	91.7	91.7	93.5	94.4	94.4	94.4	94.4	94.4	94.4

TOTAL NO. OF OPS : 179

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	29.6	55.7	56.7	57.3	58.3	59.3	59.5	59.8	59.8	60.2	60.3	60.3	60.6	60.6	60.7	60.8
>=20000	31.2	60.2	61.3	61.9	63.0	63.8	64.4	64.7	64.7	65.3	65.4	65.4	65.6	65.6	65.8	65.9
>=18000	31.5	60.9	62.1	62.7	63.8	64.7	65.3	65.5	65.6	66.1	66.2	66.3	66.5	66.5	66.6	66.8
>=16000	31.5	61.0	62.1	62.7	63.8	64.7	65.3	65.6	65.6	66.2	66.3	66.3	66.6	66.6	66.7	66.8
>=14000	31.9	61.8	63.0	63.6	64.7	65.6	66.2	66.4	66.5	67.0	67.1	67.2	67.4	67.4	67.5	67.7
>=12000	32.4	62.8	64.2	64.7	65.9	66.8	67.5	67.6	67.9	68.4	68.5	68.5	68.8	68.8	68.9	69.0
>=10000	33.1	64.9	66.5	67.2	68.4	69.3	69.9	70.3	70.4	70.9	71.0	71.1	71.3	71.3	71.4	71.6
>=9000	33.1	64.9	66.6	67.2	68.4	69.3	70.0	70.3	70.5	71.0	71.1	71.1	71.4	71.4	71.5	71.6
>=8000	33.4	66.1	67.8	68.5	69.7	70.6	71.2	71.6	71.7	72.2	72.3	72.4	72.6	72.6	72.7	72.9
>=7000	33.8	66.7	68.4	69.0	70.3	71.2	71.9	72.2	72.3	72.8	72.9	73.0	73.2	73.2	73.3	73.5
>=6000	33.8	66.7	68.4	69.1	70.3	71.2	71.9	72.3	72.4	72.9	73.0	73.1	73.3	73.3	73.4	73.6
>=5000	34.1	67.8	69.5	70.3	71.6	72.6	73.3	73.6	73.7	74.3	74.4	74.5	74.7	74.7	74.9	75.1
>=4500	34.2	68.2	70.0	70.8	72.1	73.1	73.8	74.1	74.2	74.8	74.9	75.0	75.2	75.2	75.4	75.6
>=4000	34.6	69.1	71.0	71.9	73.2	74.2	74.9	75.2	75.3	75.9	76.0	76.0	76.3	76.3	76.5	76.7
>=3500	34.9	70.3	72.3	73.2	74.6	75.7	76.4	76.8	76.9	77.6	77.7	77.7	78.0	78.0	78.2	78.4
>=3000	35.9	73.2	75.4	76.3	77.8	78.7	79.7	80.1	80.2	80.8	81.0	81.0	81.2	81.2	81.5	81.6
>=2500	36.3	75.4	77.8	78.9	80.6	81.7	82.5	83.1	83.2	83.8	84.0	84.0	84.2	84.2	84.5	84.6
>=2000	36.9	77.5	79.9	81.1	83.1	84.2	85.1	85.7	85.9	86.5	86.6	86.7	86.9	86.9	87.1	87.3
>=1800	36.9	77.6	80.0	81.2	83.2	84.4	85.2	85.8	86.0	86.6	86.7	86.8	87.0	87.0	87.2	87.4
>=1500	37.1	78.6	81.2	82.5	84.8	85.9	87.5	88.1	88.2	89.1	89.2	89.3	89.5	89.5	89.7	89.9
>=1200	37.2	79.0	81.8	83.1	85.4	86.7	88.2	89.0	89.2	90.1	90.2	90.2	90.5	90.5	90.7	90.8
>=1000	37.2	80.0	82.9	84.4	87.1	88.5	90.2	91.1	91.3	92.4	92.5	92.6	92.8	92.8	93.1	93.2
>=900	37.2	80.3	83.2	84.7	87.5	88.9	90.6	91.6	91.8	92.9	93.1	93.1	93.3	93.3	93.6	93.7
>=800	37.2	80.3	83.3	84.9	87.9	89.5	91.2	92.4	92.7	94.0	94.2	94.2	94.6	94.6	94.9	95.0
>=700	37.2	80.4	83.4	85.0	87.9	89.5	91.3	92.5	92.8	94.2	94.5	94.5	94.9	94.9	95.1	95.3
>=600	37.2	80.5	83.6	85.2	88.2	89.9	91.8	93.0	93.2	94.9	95.1	95.1	95.6	95.6	95.9	96.1
>=500	37.2	80.6	84.0	85.6	88.8	90.5	92.4	93.9	94.2	96.2	96.5	96.6	97.0	97.0	97.3	97.5
>=400	37.2	80.6	84.0	85.6	88.9	90.6	92.7	94.2	94.5	96.7	97.1	97.1	97.7	97.7	98.1	98.3
>=300	37.2	80.6	84.0	85.6	88.9	90.6	92.9	94.4	94.7	97.2	97.6	97.6	98.3	98.3	98.6	99.0
>=200	37.2	80.7	84.0	85.7	88.9	90.6	93.0	94.5	94.8	97.2	97.6	97.7	98.4	98.4	98.8	99.1
>=100	37.2	80.7	84.0	85.7	88.9	90.5	93.0	94.5	94.8	97.2	97.6	97.7	98.5	98.5	98.9	99.7
>=0	37.2	80.7	84.0	85.7	88.9	90.6	93.0	94.5	94.8	97.2	97.6	97.7	98.5	98.5	99.0	100.0

TOTAL NO. OF OPS : 1770



# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : FEB  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																	TOTAL		MEAN
																	%	>=56	WIND
DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55					
N	1.5	1.5					.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.0		
NNE	2.9	2.9					.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	3.8		
NE	2.9	2.9					.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	4.0		
ENE	1.5	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.0		
E	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ESE	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SE	.0	1.5					.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0		
SSE	.0	1.5					.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0		
S	.0	.0					.0	1.5	1.5	.0	.0	.0	.0	.0	.0	2.9	15.5		
SSW	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SW	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WSW	1.5	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.0		
W	.0	.0					1.5	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.0		
WNW	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NW	.0	.0					.0	1.5	.0	.0	.0	.0	.0	.0	.0	1.5	12.0		
NNW	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
VAR	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	73.5	.0		
ALL	10.3	10.3					1.5	2.9	1.5	.0	.0	.0	.0	.0	.0	100.0	1.5		

TOTAL NO. OF OBS : 68

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : FEB  
 CLASS : ALL WEATHER HOUR : 0000 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS. SPEED  
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL		MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	%	%	%	%	%	%	WIND
N	1.1	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.5	
NNE	3.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	3.0	
NE	2.2	3.2	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.7	
ENE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.7	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	1.1	.0	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	14.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	73.1	.0	
ALL	10.6	9.7	2.2	3.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103.0	1.6	

TOTAL NO. OF OBS. : 53

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : FEB  
 CLASS : ALL WEATHER HOUR : 0700 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 1	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>55	3	4	5	6	7	8	WIND
DIF. 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	SPEED
N	2.8	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.4
NNE	2.8	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	3.1
NE	4.8	3.5	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	4.7
ENE	1.4	1.4	1.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
E	.7	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0
ESE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
SE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.0
SSE	.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.9
S	.7	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.6
SSW	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0
WNW	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.7
NW	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0
NNW	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	65.1	.0
ALL	16.6	11.1	5.5	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.6

TOTAL NO. OF OBS : 289

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : FEB  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIP.	SPEED (KNOTS)																TOTAL	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	3	4	5	6	7	8	9
N	1.4	.8	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.6
NNE	1.1	1.4	1.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
NE	.3	1.7	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.0
ENE	1.7	2.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.6
E	1.4	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.8
ESE	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.7
SE	1.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.8
SSE	.8	.8	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.1
S	2.2	1.1	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.5
SSW	1.9	.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.1
SW	1.9	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.4
WSW	1.1	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.6
W	1.7	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.0
WNW	.8	1.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.2
NW	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.5
NNW	.8	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54.0	.0
ALL	16.6	15.8	8.3	2.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.3

TOTAL NO. OF OBS : 361

NOTES :  
 \* = PERCENT < .05

## 1 - SURFACE WINDS

R  
003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : FEB  
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND  
DIRECTION VS SPEED  
(FROM HOURLY OBSERVATIONS)

DIP.		SPEED (KNOTS)																								TOTAL	
16	PI.	1	1	1	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	>50	%	SPEED	
N	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.1	4.8	
NNE	3	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	5.4	
NE	5	3	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	6.2	
ENE	0	5	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	7.4	
E	5	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	4.6	
ESE	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.0	
SE	3	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	6.0	
SSE	5	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.6	5.3	
S	3	0	3	3	2	5	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.1	6.4	
SSW	0	7	7	7	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.2	6.3	
SW	5	5	8	11	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.4	7.3	
WSW	0	8	5	5	8	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.0	7.7	
W	1	1	6	8	5	5	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.7	7.6	
WNW	3	3	8	1	6	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.1	9.1	
NW	3	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.1	5.5	
NNW	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15.0	
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.4	0	
ALL	9	6	35	9	37	0	9	3	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	6.5

TOTAL NO. OF QBS : 365

NOTES :  
\* = PERCENT  $\times .05$

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : FEB  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIP.	SPEED (KNOTS)																TOTAL		MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	1	2	3	4	5	6	7	
N	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
NNE	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3
NE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
ENE	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5
E	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
ESE	.0	.8	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
SE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SSE	.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
S	1.0	7.8	4.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
SSW	3.3	6.6	3.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
SW	1.4	8.6	6.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
WSW	1.7	5.5	7.2	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
W	1.9	5.8	5.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
WNW	.3	3.9	3.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8
NW	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
NNW	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	11.4	42.4	33.2	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1

TOTAL NO. OF OBS : 361

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : FEB  
 CLASS : ALL WEATHER HOUR : 1900 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN	
DIR.		1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND		SPEED			
N		.6		2.3		.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5		5.0			
NNE		4.0		1.2		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2		3.0			
NE		1.2		1.2		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3		2.8			
ENE		2.9		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9		2.8			
E		1.7		.6		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3		3.0			
ESE		.6		.0		1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7		5.7			
SE		2.9		.0		.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5		3.0			
SSE		.6		.6		.0	.0	.6	.6	.0	.0	.0	.0	.0	.0	2.3		12.0			
S		1.2		.0		1.2	.0	.0	.6	.0	.0	.0	.0	.0	.0	2.9		9.0			
SSW		1.7		.6		.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9		3.4			
SW		.6		.0		.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	1.2		10.0			
WSW		2.3		.0		.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.9		4.0			
W		2.3		1.7		1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2		4.8			
WNW		.6		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6		1.0			
NW		.6		1.2		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7		4.0			
NNW		1.2		1.2		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3		4.3			
VAR		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0			
CLM		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	56.6		.0			
ALL		24.8		10.4		5.2	.6	1.2	1.2	.0	.0	.0	.0	.0	.0	100.0		2.0			

TOTAL NO. OF OBS : 173

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

001154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : FEB  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED	
DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.3	
NNE	6.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	2.8	
NE	7.4	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	3.0	
ENE	2.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.2	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0	
SSE	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.0	
S	.8	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.3	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.8	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	10.0	
WSW	.0	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.5	
W	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0	
WNW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0	
NW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0	
NNW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	62.0	.0	
ALL	23.1	11.6	.8	1.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.5	

TOTAL NO. OF OBS. : 121

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

DD3154 : CAMP PENDLETON, CA R LAT : 33 18N LONG : 117 21W ELEV : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : FEB  
 CLASS : ALL WEATHER HOUP : ALL  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN	
16 PT. 1 1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-331 34-401 41-471 48-551 >=561																%	WIND	
DIR.																		SPEED
N	1.1	.8	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.5	
NNE	1.2	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.3	
NE	1.7	1.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	
ENE	1.1	.9	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.0	
E	.7	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.2	
ESE	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.3	
SE	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.0	
SSE	.5	1.3	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0	
S	1.7	2.6	1.6	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	6.7	
SSW	1.4	3.1	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	5.5	
SW	.9	2.9	3.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.6	
WSW	1.0	2.3	3.3	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.1	
W	1.3	2.9	2.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.6	
WNW	.5	1.4	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.2	
NW	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.8	
NNW	.4	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	39.3	.0	
ALL	15.2	23.0	17.1	4.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.6	

TOTAL NO. OF OBS : 1821

NOTES : \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

003154 : CAME PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : FEB  
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	10.6	54.5	54.5	59.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=20000	10.6	56.1	56.1	60.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=18000	10.6	56.1	56.1	60.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=16000	10.6	56.1	56.1	60.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=14000	10.6	56.1	56.1	60.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=12000	10.6	56.1	56.1	60.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=10000	10.6	56.1	56.1	60.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=9000	10.6	56.1	56.1	60.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=8000	10.6	56.1	56.1	62.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=7000	10.6	56.1	56.1	62.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=6000	10.6	56.1	56.1	62.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=5000	10.6	57.6	59.1	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>=4500	10.6	57.6	59.1	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>=4000	10.6	57.6	59.1	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>=3500	10.6	59.1	60.6	66.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>=3000	10.6	62.1	65.2	71.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>=2500	10.6	63.6	68.2	74.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>=2000	10.6	68.2	74.2	80.3	81.8	81.8	81.8	81.8	81.8	84.8	84.8	84.8	84.8	84.8	84.8
>=1800	10.6	68.2	74.2	80.3	81.8	81.8	81.8	81.8	81.8	84.8	84.8	84.8	84.8	84.8	84.8
>=1500	10.6	69.7	75.8	81.3	83.3	83.3	83.3	84.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>=1200	10.6	69.7	77.3	83.3	84.8	84.8	84.8	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=1000	10.6	74.2	81.8	87.9	90.9	90.9	90.9	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=900	10.6	74.2	81.8	87.9	90.9	90.9	90.9	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=800	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=700	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=600	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=500	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=400	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=300	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=200	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	100.0
>=100	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	100.0
>=0	10.6	74.2	81.8	87.9	92.4	92.4	92.4	97.0	98.5	98.5	98.5	98.5	98.5	98.5	100.0

TOTAL NO. OF OBS : 66

# C - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA

PERIOD OF RECORD : 1966-1987

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : FEB  
HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=7
UNLIMIT	7.7	50.5	53.8	57.1	60.4	61.5	61.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=2000	7.7	51.6	56.0	60.4	63.7	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=1800	7.7	51.6	56.0	60.4	63.7	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=1600	7.7	51.6	56.0	60.4	63.7	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=1400	7.7	51.6	56.0	60.4	63.7	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=1200	7.7	51.6	56.0	60.4	63.7	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=1000	7.7	51.6	56.0	60.4	63.7	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=900	7.7	51.6	56.0	60.4	63.7	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=800	7.7	52.7	57.1	61.5	64.8	65.9	65.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=700	7.7	54.9	59.3	63.7	67.0	68.1	68.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=600	7.7	54.9	59.3	63.7	67.0	68.1	68.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=500	7.7	56.0	60.4	64.8	68.1	69.2	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=400	7.7	56.0	60.4	64.8	68.1	69.2	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=350	7.7	58.2	62.6	67.0	70.3	71.4	71.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=300	7.7	59.3	63.7	68.1	72.5	73.6	73.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>=250	7.7	60.4	64.8	69.2	73.6	74.7	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>=200	7.7	67.0	72.5	76.9	81.3	84.6	84.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=180	7.7	67.0	72.5	76.9	81.3	84.6	84.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=150	7.7	68.1	73.6	79.1	83.5	86.8	86.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=120	7.7	68.1	74.7	80.2	84.6	87.9	87.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
>=100	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=90	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=80	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=70	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=60	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=50	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=40	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=30	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=20	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=10	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=0	7.7	68.1	75.8	81.3	86.8	90.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NO. OF OBS : 91

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : FEB  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.9	45.9	47.7	47.7	49.1	50.2	51.6	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0
>=2000	27.0	49.8	52.3	52.3	53.7	54.8	56.2	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.6
>=1800	27.0	50.2	52.7	52.7	54.1	55.1	56.5	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.0
>=1600	23.0	50.2	52.7	52.7	54.1	55.1	56.5	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.0
>=1400	23.7	51.2	53.7	53.7	55.1	56.2	58.0	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4
>=1200	24.4	51.9	54.4	54.4	55.8	56.9	58.7	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.1
>=1000	25.4	53.4	55.8	55.8	57.2	58.3	60.4	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.8
>= 900	26.1	54.1	56.5	56.5	58.0	59.1	61.1	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5
>= 800	26.1	56.2	59.0	59.0	60.4	61.5	63.6	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0
>= 700	26.5	57.2	60.1	60.1	61.5	62.5	64.7	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.1
>= 600	26.5	57.2	60.4	60.4	61.8	62.9	65.0	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4
>= 500	26.5	58.3	61.5	61.5	62.9	64.0	66.1	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.5
>= 4500	26.5	58.3	61.5	61.5	62.9	64.0	66.1	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.5
>= 4000	26.5	59.0	62.2	62.2	63.6	64.7	66.8	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.2
>= 3500	26.9	60.1	63.3	63.3	64.7	65.7	67.8	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.3
>= 3000	27.6	61.8	65.0	65.0	66.8	67.8	70.0	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.7
>= 2500	28.3	63.6	67.1	67.1	69.3	70.3	72.4	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.2
>= 2000	29.3	66.1	70.3	70.3	73.1	74.2	76.7	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.4
>= 1800	29.3	66.4	70.7	70.7	73.5	74.5	77.0	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.8
>= 1500	29.7	67.8	72.8	72.8	75.7	76.7	79.2	81.6	82.3	82.3	82.3	83.0	83.0	83.0	83.0	83.7
>= 1200	30.0	68.6	73.5	73.5	76.5	77.5	80.9	83.7	84.8	85.2	85.5	85.5	85.5	85.5	85.5	86.2
>= 1000	30.4	69.5	74.6	74.6	77.0	78.0	81.3	83.4	84.7	85.0	85.4	85.8	85.8	85.8	85.8	86.5
>= 900	30.4	70.0	74.9	74.9	77.4	78.4	81.6	83.7	84.9	85.0	85.4	85.8	85.8	85.8	85.8	86.5
>= 800	30.4	70.0	74.9	74.9	77.4	78.4	81.6	83.7	84.9	85.0	85.4	85.8	85.8	85.8	85.8	86.5
>= 700	30.4	70.0	74.9	74.9	77.4	78.4	81.6	83.7	84.9	85.0	85.4	85.8	85.8	85.8	85.8	86.5
>= 600	30.4	70.0	74.9	74.9	77.4	78.4	81.6	83.7	84.9	85.0	85.4	85.8	85.8	85.8	85.8	86.5
>= 500	30.4	70.3	75.3	75.3	77.7	78.7	82.3	84.3	85.5	85.8	86.2	86.5	86.5	86.5	86.5	87.0
>= 400	30.4	70.3	75.3	75.3	77.7	78.7	82.3	84.3	85.5	85.8	86.2	86.5	86.5	86.5	86.5	87.0
>= 300	30.4	70.3	75.3	75.3	77.7	78.7	82.3	84.3	85.5	85.8	86.2	86.5	86.5	86.5	86.5	87.0
>= 200	30.4	70.3	75.3	75.3	77.7	78.7	82.3	84.3	85.5	85.8	86.2	86.5	86.5	86.5	86.5	87.0
>= 100	30.4	70.3	75.3	75.3	77.7	78.7	82.3	84.3	85.5	85.8	86.2	86.5	86.5	86.5	86.5	87.0
>= 0	30.4	70.3	75.3	75.3	77.7	78.7	82.3	84.3	85.5	85.8	86.2	86.5	86.5	86.5	86.5	87.0

TOTAL NO. OF OPS : 293

# CEILING VS VISIBILITY

R

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W FLEV. : 76 FT  
 MONTH : FEB  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	28.0	46.6	48.9	50.6	51.7	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
>=2000	30.0	51.7	54.0	56.0	57.1	57.4	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6
>=1800	30.3	53.4	55.7	57.7	58.9	59.1	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=1600	30.3	53.4	55.7	57.7	58.9	59.1	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=1400	30.6	53.7	56.0	58.0	59.4	59.7	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=1200	31.1	54.3	56.6	58.6	60.0	60.3	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1000	32.0	56.0	58.3	60.3	61.7	62.0	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>=800	32.6	56.9	59.1	61.1	62.6	62.9	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=600	33.1	58.9	61.1	63.1	64.6	64.9	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>=400	33.4	59.1	61.7	63.7	65.1	65.4	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=200	33.4	60.0	62.6	64.6	66.0	66.3	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>=100	33.7	60.6	63.1	65.1	66.6	66.9	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=50	33.7	60.9	63.4	65.4	67.1	67.4	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>=25	34.3	62.3	64.9	66.9	68.6	68.9	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
>=15	34.9	63.7	66.6	68.6	70.3	70.5	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=10	35.7	67.1	70.0	72.3	74.0	74.3	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>=5	37.1	70.9	73.7	76.0	78.0	78.3	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=2	38.3	73.7	77.1	80.3	82.9	83.4	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>=1	38.3	74.3	78.0	81.1	84.0	84.6	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=0.5	38.6	75.4	80.0	84.0	87.7	88.3	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>=0.25	38.9	76.3	81.1	86.0	90.6	91.4	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>=0.125	38.9	76.6	81.4	86.6	91.7	92.6	93.7	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>=0.0625	38.9	76.9	81.7	86.9	92.7	93.1	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>=0.03125	38.9	76.9	81.7	86.9	92.7	93.1	94.6	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=0.015625	38.9	76.9	81.7	86.9	92.7	93.1	94.6	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>=0.0078125	38.9	76.9	82.0	87.1	92.6	93.4	94.0	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>=0.00390625	38.9	77.1	82.3	87.4	93.1	94.1	94.6	95.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=0.001953125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	95.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=0.0009765625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	95.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00048828125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	96.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000244140625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0001220703125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00006103515625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000030517578125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000152587890625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000762939453125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000003814697265625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000019073486328125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000095367431640625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000476837158203125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000002384185791015625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000011920928955078125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000059604644775390625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000298023223876953125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000001490116119384765625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000007450580596923828125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000037252902984619140625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000186264514923095703125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000000931322574615478515625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000004656612873077392578125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000023283064365386962890625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000000116415321826934814453125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000000058207660913467407072265625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000000291038304567337035351328125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000001455191522836685176756640625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000000072759576141834258837828125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000363797880709171294189140625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000000001818989403545856470945703125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000000009094947017729282354728515625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000045474735088646411773642578125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.000000000000227373675443232058868212890625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000000001136868377216161294341414453125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000005684341886080806471707072265625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000002842170943040403235853536428125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000001421085471520201617926768212890625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.0000000000000071054273576010080896338414453125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000000355271367880050404481692072265625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000000177635683940025202240846036428125	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000000088817841970012601120423018212890625	38.9	77.1	82.3	87.4	93.1	94.0	94.9	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=0.00000000000000044408920985006300560211500914453125	38.9	77.1	82.3	87.4											

## 2 - CEILING VS VISIBILITY

R

Q03154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : FEB  
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	31.6	52.5	54.2	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5
>=20000	33.6	59.9	62.1	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.5	65.5	65.5	65.5	65.5	65.5
>=18000	33.9	61.0	63.3	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7
>=16000	33.9	61.3	63.6	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9
>=14000	34.5	61.6	64.1	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.5	67.5	67.5	67.5	67.5	67.5
>=12000	34.7	62.1	64.7	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1
>=10000	36.2	63.8	66.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1
>=9000	36.2	63.8	66.7	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1
>=8000	37.0	65.3	68.4	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	72.0	72.0	72.0	72.0	72.0	72.0
>=7000	37.9	66.7	69.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.4	73.4	73.4	73.4	73.4	73.4
>=6000	38.1	67.8	70.9	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.6	74.6	74.6	74.6	74.6	74.6
>=5000	38.7	68.6	71.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	75.4	75.4	75.4	75.4	75.4	75.4
>=4500	39.3	69.8	72.9	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.6	76.6	76.6	76.6	76.6	76.6
>=4000	39.5	71.2	74.3	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	78.0	78.0	78.0	78.0	78.0	78.0
>=3500	39.8	72.3	75.4	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	79.1	79.1	79.1	79.1	79.1	79.1
>=3000	41.2	76.3	79.7	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.6	83.6	83.6	83.6	83.6	83.6
>=2500	42.4	78.8	82.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.3	87.3	87.3	87.3	87.3	87.3
>=2000	43.5	81.4	85.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	90.4	90.4	90.4	90.4	90.4	90.4
>=1800	43.8	81.9	85.9	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	91.0	91.0	91.0	91.0	91.0	91.0
>=1500	43.8	83.3	87.6	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1
>=1200	43.8	83.9	88.1	92.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	95.8	95.8	95.8	95.8	95.8	95.8
>=1000	43.8	84.2	88.4	93.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6
>=900	43.8	84.2	88.4	93.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	96.9	96.9	96.9	96.9	96.9	96.9
>=800	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.5	97.5	97.5	97.5	97.5	97.5
>=700	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	98.0	98.0	98.0	98.0	98.0	98.0
>=600	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	98.3	98.3	98.3	98.3	98.3	98.3
>=500	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	98.9	98.9	98.9	98.9	98.9	98.9
>=400	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	99.4	99.4	99.4	99.4	99.4	99.4
>=300	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	99.7	99.7	99.7	99.7	99.7	99.7
>=200	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	99.7	99.7	99.7	99.7	99.7	99.7
>=100	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	99.7	99.7	99.7	99.7	99.7	99.7
>=0	43.8	84.2	88.4	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OPS : 354

# 2 - CULING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : FEB  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	32.1	55.8	57.2	58.0	58.9	59.2	59.4	59.4	59.7	60.0	60.0	60.0	60.0	60.0
>=2000	34.4	62.3	63.7	64.8	65.6	65.9	66.5	66.5	66.8	67.0	67.0	67.0	67.0	67.0
>=1900	34.6	62.8	64.2	65.4	66.2	66.5	67.0	67.0	67.3	67.6	67.6	67.6	67.6	67.6
>=1800	34.6	62.8	64.2	65.4	66.2	66.5	67.0	67.0	67.3	67.6	67.6	67.6	67.6	67.6
>=1700	35.8	64.2	65.6	66.8	67.6	67.9	68.5	68.5	68.7	69.0	69.0	69.0	69.0	69.0
>=1600	36.1	65.4	67.0	68.2	69.0	69.3	69.9	69.9	70.1	70.4	70.4	70.4	70.4	70.4
>=1500	37.2	68.2	70.4	71.5	72.4	72.7	73.2	73.2	73.8	74.1	74.1	74.1	74.1	74.1
>=1400	37.7	68.7	71.0	72.1	73.0	73.2	73.8	73.8	74.4	74.6	74.6	74.6	74.6	74.6
>=1300	38.2	72.4	74.6	75.8	76.6	76.9	77.5	77.5	78.3	78.3	78.3	78.3	78.3	78.3
>=1200	40.0	74.1	76.3	77.5	78.3	78.6	79.2	79.2	80.0	80.0	80.0	80.0	80.0	80.0
>=1100	40.3	74.4	76.6	77.7	78.6	78.9	79.4	79.4	80.0	80.3	80.3	80.3	80.3	80.3
>=1000	40.8	75.5	77.7	78.9	79.7	80.0	80.6	80.6	81.1	81.4	81.4	81.4	81.4	81.4
>=900	41.1	76.1	78.3	79.4	80.3	80.6	81.1	81.1	81.7	82.0	82.0	82.0	82.0	82.0
>=800	41.7	76.9	79.4	80.8	81.7	82.0	82.5	82.5	83.1	83.4	83.4	83.4	83.4	83.4
>=700	42.0	78.0	80.6	82.0	82.8	83.1	83.7	83.7	84.2	84.5	84.5	84.5	84.5	84.5
>=600	42.3	80.0	82.5	83.9	84.8	85.1	85.6	85.6	86.2	86.5	86.5	86.5	86.5	86.5
>=500	42.5	81.1	84.2	85.9	87.0	87.3	87.9	87.9	88.5	88.7	88.7	88.7	88.7	88.7
>=400	42.8	83.1	86.2	88.2	89.6	89.9	90.4	90.4	91.3	91.5	91.5	91.5	91.5	91.5
>=300	43.1	86.2	89.6	92.1	93.5	93.5	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6
>=200	43.4	84.5	87.6	89.9	92.4	93.0	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1
>=100	43.4	84.5	87.6	89.9	92.4	93.0	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1
>=0	43.4	85.1	88.5	91.0	93.5	94.4	94.9	94.9	95.8	96.1	96.1	96.1	96.1	96.1
>=0	43.4	85.1	88.5	91.0	93.5	94.4	94.9	94.9	95.8	96.1	96.1	96.1	96.1	96.1
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4	88.7	92.1	94.9	95.3	96.3	96.3	97.5	97.7	97.7	97.7	97.7	97.7
>=0	43.7	85.4</												

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : FEB  
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.0	59.1	59.1	61.4	63.2	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>=20000	14.6	66.1	66.7	69.0	70.8	70.8	70.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=18000	14.6	66.1	67.3	69.6	71.3	71.3	71.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=16000	14.6	66.1	67.3	69.6	71.3	71.3	71.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=14000	14.6	66.7	67.8	70.2	71.9	71.9	71.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>=12000	14.6	67.3	68.4	70.8	72.5	72.5	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>=10000	15.2	69.6	70.8	73.1	74.9	74.9	74.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=9000	15.2	69.6	70.8	73.1	74.9	74.9	74.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=8000	15.8	72.5	73.7	76.0	77.8	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=7000	15.8	72.5	73.7	76.0	77.8	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=6000	15.8	72.5	73.7	76.0	77.8	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=5000	15.8	72.5	73.7	76.0	77.8	77.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=4500	15.8	73.1	74.2	76.0	78.4	78.4	78.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>=4000	16.4	75.4	76.6	79.5	81.3	81.3	81.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=3500	16.4	76.0	77.2	80.1	81.9	81.9	81.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>=3000	17.0	78.9	80.1	83.6	85.4	85.4	85.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>=2500	17.0	79.5	80.7	84.2	86.0	86.0	86.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=2000	17.0	80.7	82.5	86.0	87.7	87.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
>=1800	17.0	80.7	82.5	86.0	87.7	87.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
>=1500	17.0	81.3	86.0	90.1	91.8	91.8	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>=1200	17.0	81.3	86.0	90.6	92.4	92.4	92.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=1000	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=900	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=800	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=700	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=600	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=500	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=400	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=300	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=200	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=100	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=0	17.0	81.9	87.1	91.8	94.2	94.2	94.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NO. OF OBS : 171



# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 MONTH : FEB  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=3
UNLIMIT	9.3	51.7	55.1	56.8	57.6	57.6	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>=20000	9.3	53.4	56.8	59.3	60.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=18000	9.3	53.4	56.8	59.3	60.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=16000	9.3	53.4	56.8	59.3	60.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=14000	9.3	53.4	56.8	59.3	60.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=12000	9.3	53.4	56.8	59.3	60.2	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=10000	9.3	54.2	57.6	60.2	61.0	61.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>= 8000	9.3	54.2	57.6	60.2	61.0	61.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>= 6000	11.0	58.5	61.9	64.4	65.3	65.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>= 4000	11.0	59.3	62.7	65.3	66.1	66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 3000	11.0	59.3	62.7	65.3	66.1	66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 2000	11.0	60.2	63.6	66.1	66.9	66.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>= 1800	11.0	60.2	63.6	66.1	66.9	66.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>= 1600	11.0	62.7	66.1	68.6	69.5	69.5	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 1400	11.0	63.6	66.9	69.5	70.3	70.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 1200	11.9	70.3	73.7	76.3	77.1	77.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>= 1000	11.9	72.0	75.4	78.0	78.8	78.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>= 800	11.9	75.4	80.5	83.1	84.7	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
>= 600	11.9	77.1	83.1	85.6	86.4	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>= 500	11.9	78.0	83.9	86.4	87.3	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 400	11.9	78.0	83.9	86.4	87.3	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 300	11.9	78.0	83.9	86.4	87.3	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 200	11.9	78.0	83.9	86.4	87.3	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 100	11.9	78.0	83.9	86.4	87.3	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 50	11.9	78.0	83.9	86.4	87.3	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2

TOTAL NO. OF OBS : 118

## 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA.  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : FEB  
HOUR : ALL

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.3	51.5	53.2	54.6	55.9	56.2	56.5	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.2
>=20000	25.9	56.8	58.8	60.7	61.9	62.2	62.6	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4
>=18000	26.0	57.5	59.6	61.5	62.6	63.0	63.4	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.2
>=16000	26.0	57.5	59.7	61.6	62.7	63.0	63.5	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.3
>=14000	26.5	58.2	60.3	62.2	63.4	63.8	64.3	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0
>=12000	26.8	58.8	61.0	62.9	64.1	64.4	64.9	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7
>=10000	27.7	60.5	62.9	64.8	66.0	66.3	66.9	67.3	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7
>=9000	28.0	60.9	63.3	65.2	66.4	66.7	67.3	67.7	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1
>=8000	28.7	63.3	65.8	67.7	68.9	69.2	69.8	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7
>=7000	29.2	64.3	66.8	68.8	70.0	70.3	70.9	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.8
>=6000	29.3	64.7	67.3	69.3	70.5	70.9	71.4	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.3
>=5000	29.6	65.5	68.2	70.2	71.4	71.7	72.3	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.2
>=4500	29.8	66.0	68.7	70.6	71.9	72.2	72.8	73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.7
>=4000	30.1	67.2	70.0	72.0	73.3	73.6	74.2	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.1
>=3500	30.4	68.4	71.2	73.3	74.5	74.8	75.4	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3
>=3000	31.1	71.4	74.2	76.6	77.9	78.2	78.8	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.8
>=2500	31.8	73.4	76.6	79.1	80.6	80.9	81.5	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.4
>=2000	32.4	76.1	79.9	82.7	84.5	85.0	85.6	86.2	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.8
>=1800	32.5	76.4	80.2	83.1	84.8	85.3	86.0	86.6	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.2
>=1500	32.7	77.7	82.2	85.6	88.1	89.7	89.4	90.0	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.7
>=1200	32.9	78.1	82.8	86.5	89.5	90.3	91.1	91.7	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.4
>=1000	32.9	78.7	83.6	87.5	90.9	91.9	93.0	93.8	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.6
>=900	32.9	78.9	83.7	87.5	91.1	92.1	93.2	94.1	94.2	94.7	94.9	94.9	94.9	94.9	94.9	95.0
>=800	32.9	78.9	83.7	87.5	92.7	93.3	94.4	95.5	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.4
>=700	32.9	78.9	83.7	87.9	92.0	93.3	94.4	95.5	95.6	96.4	96.5	96.5	96.5	96.5	96.5	96.6
>=600	32.9	78.9	83.8	88.0	92.1	93.1	94.6	95.7	95.9	96.6	96.7	96.7	96.7	96.7	96.7	96.8
>=500	32.9	79.0	83.6	88.1	92.3	93.4	95.0	96.3	96.4	97.5	97.7	97.7	97.8	97.8	97.8	97.9
>=400	32.9	79.0	83.6	88.1	92.3	93.4	95.0	96.4	96.6	97.7	97.9	97.9	97.9	97.9	97.9	98.0
>=300	32.9	79.1	83.6	88.1	92.4	93.5	95.2	96.6	96.9	98.1	98.2	98.3	98.5	98.5	98.7	98.8
>=200	32.9	79.1	83.6	88.1	92.4	93.5	95.2	96.6	96.9	98.1	98.3	98.3	98.6	98.6	98.9	99.2
>=100	32.9	79.1	83.9	88.2	92.4	93.6	95.2	96.7	97.0	98.2	98.4	98.4	98.7	98.7	99.0	99.7
>= 0	32.9	79.1	83.9	88.2	92.4	93.6	95.2	96.7	97.0	98.2	98.4	98.4	98.8	98.8	99.0	100.0

TOTAL NO. OF OBS : 1798

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA R LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAR  
 CLASS : ALL WEATHER HOUR : 0100 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIP.	SPEED (KNOTS)																TOTAL		MEAN WIND SPEED
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
N	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	3.0
NNE	6.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.0
NE	7.1	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	3.2
ENE	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	3.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
SE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	3.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	7.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	20.2	14.3	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5

TOTAL NO. OF OBS : 84

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP. PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAR  
 CLASS : ALL WEATHER HOUR : 0400 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
16 PI.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56					
DIP.																
N	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.0		
NNE	9.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	2.7		
NE	4.3	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	3.5		
ENE	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0		
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SE	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0		
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0		
S	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0		
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WSW	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0		
W	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	10.0		
WNW	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.0		
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NNW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	66.1	.0		
ALL	17.4	14.8	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.2		

TOTAL NO. OF OBS : 115

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL #	MEAN WIND SPEED
	1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56				
N	3.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	2.6	
NNE	2.4	3.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.9	3.9	
NE	3.3	3.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	7.7	4.3	
ENE	2.7	2.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	5.6	3.9	
E	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.6	
ESE	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.5	
SE	.0	.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	1.2	8.5	
SSE	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.6	9.0	
S	.7	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.3	
SSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.6	16.0	
SW	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7	
WSW	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.5	
W	.6	.6	.0	.0	.3	.0	.0	.0	.0	.0	.0	1.8	9.0	
WNW	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.3	
NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0	
NNW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0	
VAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	65.4	.0	
ALL	15.4	13.0	4.4	.9	.6	.3	.0	.0	.0	.0	.0	100.0	1.6	

TOTAL NO. OF OBS : 338

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA P LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAP  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIP.	SPEED (KNOTS)																TOTAL		MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	3	1	WIND	1	SPEED	3	1	WIND	1
N	.5	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.5	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.5	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	1.2	1.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	2.5	2.5	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	4.4	3.4	.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	2.5	4.2	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	2.2	3.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	3.0	2.5	2.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	1.7	1.2	2.2	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	22.7	21.7	13.1	3.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TOTAL NO. OF OBS : 406

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
16-PI	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>50							
DIR.																	
N	.2	.5	.2	.2	.0	.0	.0	.0	.0	.0	1.2	7.4					
NNE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.5	13.0					
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
ENE	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.5	7.0					
E	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	5.0					
ESE	.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.7	7.3					
SE	.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.7	6.0					
SSE	.0	.7	1.5	.2	.0	.0	.0	.0	.0	.0	2.5	7.7					
S	.7	5.9	5.4	.7	.0	.0	.0	.0	.0	.0	12.7	6.9					
SSW	1.0	8.1	4.4	1.2	.0	.0	.0	.0	.0	.0	14.7	6.6					
SW	.5	6.9	12.3	3.4	.0	.0	.0	.0	.0	.0	23.0	8.0					
WSW	1.0	5.4	12.7	3.7	.0	.0	.0	.0	.0	.0	22.8	8.2					
W	.0	2.7	8.6	4.7	1.0	.0	.0	.0	.0	.0	16.9	9.8					
WNW	.0	.5	.2	.5	.2	.0	.0	.0	.0	.0	1.5	10.5					
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
NNW	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	8.0					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0					
ALL	3.7	31.9	46.6	15.2	1.2	.0	.0	.0	.0	.0	100.0	7.9					

TOTAL NO. OF OBS : 408

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAP  
 CLASS : ALL WEATHER HOUR : 1600 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	16-21	21-26	26-31	31-36	36-41	41-46	46-51	51-56	56-61	61-66	66-71	71-76	76-81	81-86	86-91	91-96		
N	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0
NNE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	13.0
NE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0
SE	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0
SSE	.5	2.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.0
S	1.7	5.5	5.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	6.1
SSW	1.2	6.0	5.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.2	6.6
SW	.5	7.7	9.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.5	7.1
WSW	.5	7.0	11.7	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.7	7.8
W	.7	5.5	10.2	5.2	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.5	9.2
WNW	.0	.2	.7	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	11.1
NW	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.5
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	14.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	5.2	35.0	44.5	11.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 400

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		SPEED (KNOTS)																TOTAL	MEAN		
Dir.		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56								#	SPEED
N	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0			
NNE	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0			
NE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.0			
ENE	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.8			
E	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0			
ESE	2.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	2.5			
SE	2.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.0			
SSE	3.7	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	2.6			
S	4.8	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	3.5			
SSW	5.3	2.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	3.9			
SW	4.8	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	3.1			
WSW	1.6	2.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.3			
W	1.6	1.6	.5	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.1			
WNW	2.7	.5	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.0			
NW	.0	.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.3			
NNW	.5	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.5			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	37.2	.0			
ALL	34.6	20.7	4.8	2.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.6			

TOTAL NO. OF OBS : 188

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA      LAT. : 33 16N    LONG. : 117 41W    ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987      MONTH : MAR  
 CLASS : ALL WEATHER      HOUR : 2200 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 1	1	2	3	4	5	6	7-16	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	
																WIND	SPED
DIF.	1	2	3	4	5	6	7-16	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	WIND	SPED
N	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.0
NNE	4.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	3.5
NE	7.3	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9	3.1
ENE	.8	2.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
E	3.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	2.8
ESE	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.3
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	10.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
WSW	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8
W	1.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.8
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.0
NNW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	52.4	.0
ALL	24.2	15.3	7.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.0

TOTAL NO. OF OBS : 124

NOTES : # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18' LONG. : 117 21'W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	
N	1.0	.5	.0*	.1	.0	.0	.0	.0	.0	.0	.2	1.6
NNE	1.6	1.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	3.2
NE	1.6	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.7
ENE	.7	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	1.7
E	.0	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	1.4
ESE	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1
SE	.0	.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	1.5
SSE	1.0	1.2	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.3
S	1.8	3.5	2.3	.4	.0	.0	.0	.0	.0	.0	.0	8.0
SSW	1.4	3.8	2.3	.4	.0*	.0	.0	.0	.0	.0	.0	7.9
SW	1.3	3.8	4.6	1.0	.0	.0	.0	.0	.0	.0	.0	13.6
WSW	1.2	3.2	5.4	1.3	.0	.0	.0	.0	.0	.0	.0	11.2
W	.0	2.1	4.4	2.3	.4	.1	.0	.0	.0	.0	.0	10.2
WNW	.4	.3	.5	.4	.1	.0	.0	.0	.0	.0	.0	1.7
NW	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6
NNW	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	15.1	23.7	22.2	6.5	.6	.1	.0	.0	.0	.0	.0	100.0

TOTAL NO. OF OBS : 2063

NOTES :  
 # = PERCENT < .05

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.0	47.0	48.2	50.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
>=2000	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1800	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1600	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1400	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1200	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1000	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=800	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=600	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=400	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=200	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=0	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=2000	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1800	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1600	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1400	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1200	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1000	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=800	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=600	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=400	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=200	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=0	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=2000	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1800	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1600	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1400	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1200	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1000	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=800	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=600	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=400	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=200	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=0	16.1	49.4	51.8	54.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4

TOTAL NO. OF OPS : 83

# - CALLING WS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	11.3	46.1	48.7	50.4	51.3	52.2	53.9	53.9	53.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=2000	11.3	47.0	49.6	51.3	52.2	53.0	54.8	54.8	54.8	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=1800	11.3	47.0	49.6	51.3	52.2	53.0	54.8	54.8	54.8	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=1600	11.3	47.0	49.6	51.3	52.2	53.0	54.8	54.8	54.8	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=1400	11.3	47.0	49.6	51.3	52.2	53.0	54.8	54.8	54.8	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=1200	11.3	47.8	50.4	52.2	53.0	53.9	55.7	55.7	55.7	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=1000	11.3	47.8	50.4	52.2	53.0	53.9	55.7	55.7	55.7	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=900	11.3	47.8	50.4	52.2	53.0	53.9	55.7	55.7	55.7	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=800	11.3	48.7	51.3	53.0	53.9	54.8	56.5	56.5	56.5	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=700	12.2	49.6	52.2	53.9	54.8	55.7	57.4	57.4	57.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=600	12.2	49.6	52.2	53.9	54.8	55.7	57.4	57.4	57.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=500	12.2	50.4	53.0	54.8	55.7	56.5	58.3	58.3	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=450	12.2	50.4	53.0	54.8	55.7	56.5	58.3	58.3	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=400	12.2	52.2	54.8	56.5	57.4	58.3	60.0	60.0	60.0	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=350	12.2	52.2	54.8	56.5	57.4	58.3	60.0	60.0	60.0	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=300	12.2	57.0	69.6	72.2	73.0	73.9	75.7	75.7	75.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>=250	13.0	67.8	70.4	73.9	74.8	76.5	78.3	78.3	78.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=200	13.9	71.3	74.8	78.3	79.1	81.7	83.5	83.5	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>=180	13.9	71.3	74.8	78.3	79.1	81.7	83.5	83.5	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>=150	13.9	71.3	75.7	80.0	80.9	83.5	85.2	85.2	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>=120	13.9	72.2	77.4	81.7	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=100	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=90	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=80	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=70	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=60	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=50	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=40	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=30	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=20	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=10	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=0	13.9	72.2	78.3	82.6	82.6	85.2	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8

TOTAL NO. OF OBS : 115

# 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4
UNLIMIT	21.4	42.6	44.6	45.5	46.1	46.1	47.3	47.3	47.3	47.3	47.3	47.6	47.6	47.9	47.9	48.8
>=20000	22.0	44.3	46.4	47.9	47.9	47.9	49.1	49.1	49.1	49.1	49.1	49.4	49.4	50.0	50.0	50.9
>=18000	22.0	44.9	47.0	48.2	48.5	48.5	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.6	50.6	51.5
>=16000	22.0	44.9	47.0	48.2	48.5	48.5	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.6	50.6	51.5
>=14000	22.0	45.5	47.6	48.8	49.1	49.1	50.3	50.3	50.3	50.3	50.3	50.6	50.6	51.2	51.2	52.1
>=12000	22.0	45.5	47.6	48.8	49.1	49.1	50.6	50.6	50.6	50.6	50.6	50.9	50.9	51.5	51.5	52.4
>=10000	22.3	46.7	49.1	50.9	51.5	51.5	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.6	53.6	54.5
>=9000	22.3	46.7	49.1	50.9	51.5	51.5	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.6	53.6	54.5
>=8000	22.3	48.2	50.9	52.7	53.3	53.3	54.5	54.5	54.5	54.5	54.5	54.8	54.8	55.4	55.4	56.3
>=7000	22.3	48.2	50.9	52.7	53.3	53.3	54.5	54.5	54.5	54.5	54.5	54.8	54.8	55.4	55.4	56.3
>=6000	22.9	48.8	51.5	53.6	54.2	54.2	55.4	55.4	55.4	55.4	55.4	55.7	55.7	56.3	56.3	57.2
>=5000	22.9	49.1	51.8	53.9	54.5	54.5	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.6	56.6	57.5
>=4500	22.9	49.4	52.1	54.2	54.8	54.8	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.9	56.9	57.8
>=4000	23.2	50.3	53.0	55.1	55.7	55.7	56.9	56.9	56.9	56.9	56.9	57.2	57.2	57.8	57.8	58.1
>=3500	25.0	53.3	56.0	58.1	58.7	58.7	59.9	59.9	59.9	59.9	59.9	60.2	60.2	60.8	60.8	61.7
>=3000	27.7	59.9	62.7	64.8	65.4	65.4	66.9	66.9	66.9	66.9	66.9	67.2	67.2	67.8	67.8	68.1
>=2500	28.0	63.9	67.2	69.6	70.2	70.2	72.0	72.0	72.0	72.0	72.0	72.6	72.6	73.2	73.2	74.1
>=2000	29.8	68.7	72.6	75.9	76.5	76.5	78.3	78.3	78.3	78.3	78.3	79.2	79.2	79.8	79.8	80.7
>=1800	30.1	69.3	73.5	76.5	77.1	77.1	78.9	78.9	78.9	78.9	78.9	79.5	79.5	80.4	80.4	81.3
>=1500	30.7	70.5	75.0	78.3	79.8	79.8	81.9	81.9	81.9	81.9	81.9	82.5	82.5	83.4	83.4	84.3
>=1200	31.7	71.1	75.9	79.3	81.3	81.3	83.7	83.7	83.7	83.7	83.7	84.3	84.3	85.5	85.5	86.4
>=1000	31.0	72.0	77.4	81.3	83.4	83.4	86.4	86.4	86.4	86.4	86.4	87.0	87.0	88.0	88.0	89.5
>=900	31.0	72.0	77.4	81.3	83.4	83.4	86.4	86.4	86.4	86.4	86.4	87.0	87.0	88.0	88.0	89.5
>=800	31.0	72.3	78.0	81.9	84.0	84.0	87.0	87.0	87.0	87.0	87.0	88.0	88.0	89.2	89.2	90.7
>=700	31.0	72.6	78.3	82.2	84.6	84.6	87.6	87.6	87.6	87.6	87.6	88.9	88.9	89.8	89.8	91.6
>=600	31.0	72.9	78.9	82.6	85.2	85.2	88.2	88.2	88.2	88.2	88.2	89.5	89.5	90.4	90.4	91.6
>=500	31.0	73.2	79.5	83.7	86.1	86.1	89.4	89.4	89.4	89.4	89.4	90.7	90.7	91.3	91.3	92.8
>=400	31.0	73.2	79.5	83.7	86.1	86.1	89.4	89.4	89.4	89.4	89.4	90.7	90.7	91.3	91.3	92.8
>=300	31.0	73.2	79.5	83.7	86.1	86.1	89.4	89.4	89.4	89.4	89.4	90.7	90.7	91.3	91.3	92.8
>=200	31.0	73.2	79.5	83.7	86.1	86.1	89.4	89.4	89.4	89.4	89.4	90.7	90.7	91.3	91.3	92.8
>=100	31.0	73.2	79.5	83.7	86.1	86.1	89.4	89.4	89.4	89.4	89.4	90.7	90.7	91.3	91.3	92.8
>=0	31.0	73.2	79.5	83.7	86.1	86.1	89.4	89.4	89.4	89.4	89.4	90.7	90.7	91.3	91.3	92.8

TOTAL NO. OF OPS : 332

# 2 - CILING VS VISIBILITY

003154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAR  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.1	44.1	46.1	47.1	48.6	48.6	48.6	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9
>=2000	25.1	47.4	49.4	50.4	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=1800	25.1	47.6	49.6	50.6	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=1600	25.1	47.6	49.6	50.6	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=1400	25.3	48.1	50.1	51.1	52.6	52.6	52.6	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=1200	25.3	48.6	51.1	52.1	53.6	53.6	53.6	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=1000	26.1	50.4	53.4	54.4	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
>= 900	26.3	50.6	53.6	54.6	56.1	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4
>= 800	26.8	51.4	54.4	55.4	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>= 700	27.3	51.9	54.9	55.9	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
>= 600	27.6	52.1	55.1	56.1	57.6	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>= 500	28.3	53.6	56.6	57.6	59.1	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4
>= 450	28.8	54.1	57.1	58.1	59.6	59.6	59.6	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 400	29.8	56.4	59.6	60.7	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
>= 350	30.8	59.4	62.7	63.7	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>= 300	35.1	67.7	70.9	71.9	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 250	37.1	73.2	76.7	77.7	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>= 200	39.1	77.4	81.0	82.5	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
>= 180	39.3	77.7	81.2	82.7	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>= 150	40.4	79.9	84.2	86.2	88.2	88.2	88.2	88.2	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0
>= 120	40.4	80.2	85.0	87.7	90.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>= 100	40.4	80.5	85.7	89.2	92.7	93.7	94.5	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>= 90	40.4	80.7	86.0	89.7	93.7	95.7	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 80	40.4	80.7	86.0	89.7	94.0	95.5	96.2	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>= 70	40.4	80.7	86.0	89.7	94.0	95.5	96.2	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 60	40.4	80.7	86.0	89.7	94.0	95.5	96.2	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 50	40.4	80.7	86.0	89.7	94.2	95.7	97.0	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 40	40.4	80.7	86.0	89.7	94.2	95.7	97.0	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>= 30	40.4	80.7	86.0	89.7	94.2	95.7	97.0	97.7	97.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>= 20	40.4	80.7	86.0	89.7	94.2	95.7	97.0	97.7	97.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>= 10	40.4	80.7	86.0	89.7	94.2	95.7	97.0	97.7	97.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>= 0	40.4	80.7	86.0	89.7	94.2	95.7	97.0	97.7	97.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NO. OF OBS : 309

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAR  
HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	31.7	54.0	56.5	57.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=20000	33.9	59.8	62.3	63.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>=18000	34.2	60.3	62.8	64.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>=16000	34.2	60.3	62.8	64.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>=14000	34.9	61.3	63.8	65.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>=12000	35.4	62.3	64.8	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>=10000	36.2	63.6	66.1	67.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=9000	36.4	63.8	66.3	68.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>=8000	37.2	66.3	68.8	70.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>=7000	37.9	67.3	69.8	71.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>=6000	37.9	67.3	69.8	71.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>=5000	38.9	69.6	72.1	73.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>=4500	39.4	70.4	72.9	74.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>=4000	40.7	71.9	74.4	76.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
>=3500	43.5	75.4	77.9	79.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=3000	46.7	81.2	83.7	85.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>=2500	46.7	83.4	85.9	87.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
>=2000	46.7	84.7	87.2	89.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
>=1800	46.7	84.9	87.4	89.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>=1500	47.0	86.2	88.9	91.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
>=1200	47.0	87.4	90.5	93.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=1000	47.2	87.9	91.5	94.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
>=900	47.2	87.9	91.5	94.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
>=800	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=700	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=600	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=500	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=400	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=300	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=200	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=100	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=0	47.2	87.9	91.5	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NO. OF OPS : 398



# C - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	35.8	57.3	59.1	60.1	60.4	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>=20000	37.6	61.6	63.4	64.7	65.2	65.5	65.7	66.0	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5
>=18000	37.6	62.1	63.9	65.2	65.7	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
>=16000	37.6	62.1	63.9	65.2	65.7	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
>=14000	38.1	62.9	64.7	66.0	66.5	66.8	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=12000	38.9	63.7	65.5	66.8	67.5	67.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=10000	39.4	65.5	67.3	68.5	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=9000	39.6	65.7	67.5	68.8	69.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>=8000	40.4	67.3	69.1	70.3	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>=7000	41.2	68.3	70.1	71.4	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>=6000	41.2	68.3	70.1	71.4	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>=5000	42.2	71.6	73.4	74.7	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=4500	42.5	71.9	73.7	74.9	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>=4000	43.0	73.4	75.2	76.5	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>=3500	44.2	76.0	77.7	79.0	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>=3000	46.9	81.1	82.9	84.1	84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
>=2500	47.1	83.9	85.7	87.0	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>=2000	47.3	86.4	88.2	89.8	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=1800	47.3	86.7	88.5	90.0	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=1500	47.8	88.2	90.5	92.8	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1200	47.8	89.0	91.3	93.6	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=1000	48.1	90.0	92.3	95.4	96.7	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>=900	48.1	90.0	92.3	95.4	96.7	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>=800	48.1	90.0	92.6	95.7	97.2	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=700	48.1	90.0	92.6	95.7	97.2	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=600	48.1	90.0	92.6	95.7	97.2	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=500	48.1	90.0	92.6	95.7	97.2	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=400	48.1	90.0	92.6	95.7	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=300	48.1	90.0	92.6	95.7	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=200	48.1	90.0	92.6	95.7	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=100	48.1	90.0	92.6	95.7	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=0	48.1	90.0	92.6	95.7	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NO. OF OBS : 391

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

S

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.2	57.8	58.8	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>=20000	18.7	61.0	63.1	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=18000	18.7	61.0	63.1	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=16000	18.7	61.0	63.1	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=14000	18.7	61.0	63.1	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=12000	19.3	62.0	64.1	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=10000	19.3	64.2	66.1	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=9000	19.3	64.2	66.1	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=8000	19.8	65.8	67.1	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>=7000	19.8	65.3	67.9	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>=6000	19.8	65.3	67.9	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>=5000	20.3	67.9	70.1	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=4500	20.3	67.9	70.1	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=4000	21.4	69.0	71.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>=3500	21.4	69.5	71.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>=3000	22.5	75.4	77.5	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=2500	22.5	79.1	81.7	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>=2000	23.5	84.5	87.2	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>=1800	23.5	84.5	87.2	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>=1500	23.5	87.2	89.8	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>=1200	23.5	88.2	90.9	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>=1000	23.5	88.2	90.9	93.6	94.1	94.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=900	23.5	88.2	90.9	93.6	94.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=800	23.5	88.2	90.9	93.6	95.2	95.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>=700	23.5	88.2	90.9	93.6	95.2	95.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>=600	23.5	88.2	90.9	93.6	95.2	95.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>=500	23.5	88.2	90.9	93.6	95.7	96.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=400	23.5	88.2	90.9	93.6	95.7	96.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=300	23.5	88.2	90.9	93.6	95.7	96.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=200	23.5	88.2	90.9	93.6	95.7	96.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=100	23.5	88.2	90.9	93.6	95.7	96.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=0	23.5	88.2	90.9	93.6	95.7	96.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NO. OF OPS : 187

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=1 1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	8.9	55.6	57.3	58.1	59.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
>=20000	9.7	58.9	60.5	62.1	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
>=18000	9.7	58.9	60.5	62.1	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
>=16000	9.7	58.9	60.5	62.1	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
>=14000	9.7	58.9	60.5	62.1	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
>=12000	10.5	60.5	62.1	63.7	65.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
>=10000	10.5	60.5	62.1	63.7	65.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
>=8000	11.3	61.3	63.7	65.3	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
>=7000	11.3	61.3	63.7	65.3	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
>=6000	11.3	61.3	63.7	65.3	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
>=5000	11.3	62.1	64.5	66.1	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	
>=4500	11.3	62.1	64.5	66.1	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	
>=4000	11.3	62.9	65.3	66.9	68.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
>=3500	11.3	62.9	65.3	66.9	68.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
>=3000	11.3	71.0	73.4	75.0	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
>=2500	11.3	75.8	78.2	79.8	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
>=2000	12.1	83.1	85.5	87.1	88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
>=1800	12.1	83.1	85.5	87.1	88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
>=1500	12.1	85.5	87.9	90.3	91.9	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
>=1200	12.1	85.5	87.9	90.3	91.9	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
>=1000	12.1	86.3	89.5	91.9	95.2	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
>=900	12.1	86.3	89.5	91.9	95.2	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
>=800	12.1	86.3	89.5	91.9	95.2	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
>=700	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
>=600	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
>=500	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
>=400	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
>=300	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
>=200	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
>=100	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
>= 0	12.1	86.3	90.3	92.7	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	

TOTAL NO. OF OPS : 124

# 2 - CILING VS VISIBILITY

R

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAR  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.9	50.6	52.5	53.7	54.6	54.7	55.0	55.1	55.1	55.2	55.2	55.3	55.3	55.4	55.5
>=20000	26.1	54.1	56.2	57.5	58.5	58.6	58.9	59.0	59.0	59.1	59.2	59.3	59.3	59.4	59.5
>=18000	26.2	54.4	56.5	57.9	58.9	59.0	59.3	59.4	59.4	59.5	59.6	59.7	59.7	59.8	59.9
>=16000	26.2	54.4	56.5	57.9	58.9	59.0	59.3	59.4	59.4	59.5	59.6	59.7	59.7	59.8	59.9
>=14000	26.5	55.0	57.1	58.5	59.4	59.6	59.9	59.9	59.9	60.1	60.1	60.2	60.2	60.4	60.4
>=12000	26.8	55.6	57.9	59.2	60.3	60.5	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.3	61.3
>=10000	27.3	57.0	59.3	60.8	61.9	62.1	62.3	62.4	62.5	62.6	62.6	62.7	62.7	62.8	62.9
>=9000	27.4	57.1	59.5	61.0	62.1	62.2	62.5	62.5	62.7	62.7	62.7	62.8	62.8	63.0	63.0
>=8000	27.9	58.6	61.0	62.5	63.6	63.7	64.0	64.1	64.2	64.2	64.3	64.4	64.4	64.5	64.6
>=7000	28.3	59.1	61.6	63.1	64.2	64.3	64.6	64.7	64.8	64.8	64.9	65.0	65.0	65.1	65.2
>=6000	28.5	59.2	61.7	63.2	64.3	64.5	64.8	64.8	64.8	65.0	65.0	65.1	65.1	65.3	65.3
>=5000	29.1	61.0	63.5	65.0	66.1	66.2	66.5	66.6	66.7	66.8	66.8	66.9	66.9	67.0	67.1
>=4500	29.3	61.4	63.9	65.4	66.5	66.6	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.4	67.5
>=4000	30.0	62.8	65.4	66.9	68.0	68.1	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.9	69.0
>=3500	31.3	65.2	67.7	69.2	70.3	70.4	70.7	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.3
>=3000	33.8	72.6	75.1	76.7	77.8	78.0	78.3	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.9
>=2500	34.4	76.1	78.9	80.5	81.7	81.9	82.3	82.4	82.5	82.6	82.6	82.7	82.7	82.8	82.8
>=2000	35.3	79.9	82.9	84.9	86.1	86.3	86.7	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.4
>=1800	35.4	80.1	83.1	85.2	86.3	86.6	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.6	87.6
>=1500	35.9	81.8	85.2	87.7	89.2	89.6	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.7	90.7
>=1200	35.9	82.5	86.1	88.9	90.7	91.2	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.5	92.5
>=1000	36.0	83.0	87.1	90.3	92.7	93.4	94.4	94.6	94.9	95.0	95.0	95.1	95.1	95.3	95.3
>=900	36.0	83.1	87.2	90.4	93.0	93.8	94.8	95.0	95.1	95.4	95.5	95.6	95.6	95.8	95.8
>=800	36.0	83.2	87.3	90.6	93.3	94.2	95.3	95.7	95.8	96.1	96.2	96.4	96.4	96.5	96.6
>=700	36.0	83.2	87.4	90.7	93.4	94.4	95.6	96.1	96.1	96.5	96.6	96.7	96.7	96.9	96.9
>=600	36.0	83.3	87.5	90.8	93.5	94.5	95.7	96.3	96.3	96.7	96.8	97.0	97.0	97.2	97.2
>=500	36.0	83.3	87.6	90.9	93.5	94.8	96.3	96.9	97.0	97.6	97.8	98.0	98.0	98.2	98.3
>=400	36.0	83.3	87.6	90.9	93.5	94.8	96.4	97.0	97.2	97.9	98.2	98.5	98.5	98.7	98.9
>=300	36.0	83.3	87.6	90.9	93.5	94.8	96.4	97.1	97.3	98.1	98.5	98.9	98.9	99.2	99.4
>=200	36.0	83.3	87.6	90.9	93.5	94.8	96.4	97.1	97.3	98.1	98.5	99.0	99.0	99.3	99.7
>=100	36.0	83.3	87.6	90.9	93.5	94.8	96.4	97.1	97.3	98.1	98.5	99.0	99.0	99.3	99.8
>=0	36.0	83.3	87.6	90.9	93.5	94.8	96.4	97.1	97.3	98.1	98.5	99.0	99.0	99.3	100.0

TOTAL NO. OF OBS : 2029

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : J100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)												TOTAL		MEAN		
DIR.		1	2	3	4	5	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED
N		4.5					.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	3.0	
NNE		.0	1.5				.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0	
NE		3.0	3.0				.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	3.0	
ENE		4.5	.0				.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	1.7	
E		.0	.0				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE		1.5	.0				.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.0	
SE		.0	1.5				.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0	
SSE		.0	.0				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S		3.0	.0				.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.5	
SSW		1.5	.0			1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.0	
SW		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
VAR		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74.6	.0	
ALL		17.9	6.0				.0	1.5	.0	.0	.0	.0	.0	.0	.0	100.0	.8	

TOTAL NO. OF OBS : 67

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : APR  
 CLASS : ALL WEATHER HOUR : 0400 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)												TOTAL		MEAN	
16. PI. 1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	WIND	SPEED
DIR.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
N	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.5
NNE	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.5
NE	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	2.2
ENE	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.0
E	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
ESE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
SE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0
SSE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	8.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	77.1	.0
ALL	18.8	2.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	100.0	.7

TOTAL NO. OF OBS : 96

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (=FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
>=56																%	WIND
>=56																%	SPEED
16 PT. 1	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55							
Dir.																	
N	3.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	2.8	
NNE	4.1	3.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	4.3	
NE	2.6	4.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	4.2	
ENE	2.2	1.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.1	
E	.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.3	
ESE	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.0	
SE	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0	
SSE	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.3	
S	.4	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.8	
SSW	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.7	
SW	.3	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.8	
WSW	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.3	
W	.3	1.3	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.6	
WNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.5	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	60.8	.0	
ALL	16.0	15.9	5.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.7	

TOTAL NO. OF OBS : 314

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 18' LONG. : 117 21' ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : APR  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)											TOTAL	MEAN			
		1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED			
DIR.	1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED
N		.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0	
NNE		.7	.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0	
NE		.0	.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	9.8	
ENE		.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	
E		.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0	
ESE		.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.3	
SE		.9	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.3	
SSE		1.1	2.2	.0	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.5	
S		3.0	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.4	5.3	
SSW		1.3	9.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	5.5	
SW		2.7	6.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.7	5.7	
WSW		1.1	6.5	.0	4.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	13.2	6.7	
W		2.2	4.9	.0	3.5	.3	1.1	.0	.0	.0	.0	.0	.0	.0	11.9	6.3	
WNW		.3	.8	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0	
NW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW		.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.3	
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.3	.0	
ALL		14.3	41.8	20.8	4.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.8	

TOTAL NO. OF OBS : 371

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLAS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 15N LONG. : 117 21W ELEV. : 75 FT  
 MONTH : APR  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIS.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	>56	
N	.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	5 13.5
NNE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	3 10.0
NE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	3 12.0
ENE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3 4.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.5	1.1	.0	.0	.0	.0	.0	.0	.0	1.6 12.5
S	.0	4.0	4.5	.8	.0	.0	.0	.0	.0	.0	.0	9.5 7.3
SSW	.0	3.2	9.0	.5	.0	.0	.0	.0	.0	.0	.0	12.0 7.8
SW	.0	7.1	10.0	2.1	.0	.0	.0	.0	.0	.0	.0	26.9 7.9
WSW	.0	3.2	15.2	5.0	.0	.0	.0	.0	.0	.0	.0	24.1 9.4
W	.0	2.1	11.4	4.5	.0	.0	.0	.0	.0	.0	.0	19.0 9.7
WNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.3 11.2
NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	1.0	20.1	61.6	14.2	1.1	.0	.0	.0	.0	.0	.0	100.0 8.6

TOTAL NO. OF OBS : 373

NOTES : # = PERCENT < .25

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIP.	SPEED (KNOTS)										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	% WIND SPEED
N	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.5	11.5
NNE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	8.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.3	.5	.3	.3	.0	.0	.0	.0	.0	1.4	9.6
S	.7	3.3	4.6	.5	.0	.0	.0	.0	.0	.0	8.7	7.3
SSW	.8	6.3	10.1	.8	.3	.0	.0	.0	.0	.0	18.3	7.4
SW	.8	6.5	13.1	1.4	.0	.0	.0	.0	.0	.0	21.5	7.4
WSW	.8	5.2	15.3	4.4	.8	.3	.0	.0	.0	.0	26.4	9.0
W	.0	4.1	11.4	4.1	.5	.0	.0	.0	.0	.0	23.2	9.1
WNW	.0	.0	.3	1.4	.5	.0	.0	.0	.0	.0	2.2	14.6
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	10.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	2.2	25.9	56.1	13.1	2.5	.3	.0	.0	.0	.0	100.0	8.4

TOTAL NO. OF OBS : 367

NOTES : PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%						
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.3	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0	.0
SSE	4.6	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	3.3	.0
S	6.7	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	2.9	.0
SSW	8.0	7.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.9	3.5	.0
SW	8.5	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.2	3.1	.0
WSW	3.4	4.5	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	5.1	.0
W	2.8	.6	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.3	.0
WNW	.6	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.2	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31.3	.0	.0
ALL	37.5	26.7	4.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.4	.0

TOTAL NO. OF OBS : 176

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : APR  
 CLASS : ALL WEATHER HOUR : 2200 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 1 DIR.	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56		
N	1.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.7
NNE	6.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	2.6
NE	10.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	2.5
ENE	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
E	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	2.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.0
SSW	1.7	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	2.6	5.3
SW	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.0
WSW	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0
W	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63.2	.0
ALL	25.1	6.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	100.0	1.0

TOTAL NO. OF OBS : 117

NOTES :  
 \* = PERCENT < .25

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	-	31	4	-	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL	MEAN
DIR.																	%	WIND SPEED
N		.0		.2		.1		.1		.1		.0		.0		.0	1.3	4.6
NNE		1.3		.8		.3		.0		.1		.0		.0		.0	2.4	4.1
NE		1.5		1.0		.2		.1		.1		.0		.0		.0	2.8	4.1
ENE		.9		.5		.2		.0		.0		.0		.0		.0	1.6	3.4
E		.3		.3		.0		.0		.0		.0		.0		.0	.6	3.5
ESE		.3		.2		.0		.0		.0		.0		.0		.0	.5	3.1
SE		.4		.1		.0		.0		.0		.0		.0		.0	.6	2.8
SSE		.7		.7		.5		.3		.1		.0		.0		.0	2.4	6.7
S		1.6		3.6		2.5		.3		.0		.0		.0		.0	8.1	5.8
SSW		1.4		4.6		4.3		.5		.1		.0		.0		.0	10.8	6.4
SW		1.7		4.7		7.2		.9		.0		.0		.0		.0	14.5	6.8
WSW		.8		3.4		7.2		2.1		.2		.0		.0		.0	13.8	6.3
W		1.0		2.4		5.6		2.0		.3		.0		.0		.0	11.2	8.3
WNW		.1		.5		.3		.4		.1		.0		.0		.0	1.4	9.3
NW		.1		.1		.0		.0		.0		.0		.0		.0	.3	5.0
NNW		.2		.1		.0		.0		.0		.0		.0		.0	.4	3.9
VAR		.0		.0		.0		.0		.0		.0		.0		.0	.0	.0
CLM		.0		.0		.0		.0		.0		.0		.0		.0	27.3	.0
ALL		13.3		23.2		28.6		6.7		.9		.1		.0		.0	100.0	4.9

TOTAL NO. OF OBS : 1986

NOTES :  
 \* = PERCENT < .05

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=17	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	11.9	50.7	55.2	55.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=2000	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=1800	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=1600	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=1400	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=1200	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=1000	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=800	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=600	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=400	11.9	55.2	59.7	59.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=300	11.9	58.2	62.7	62.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=2500	11.9	64.2	68.7	68.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>=2000	11.9	70.1	74.6	74.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=1800	11.9	70.1	74.6	74.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=1500	11.9	73.1	77.6	77.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
>=1200	11.9	73.1	77.6	77.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
>=1000	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=800	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=700	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=600	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=500	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=400	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=300	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=200	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=100	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=0	11.9	74.6	79.1	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : APR  
HOUR : 0400 LST

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

DE

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NO. OF OPS : 96

# 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

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LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.3	42.4	42.8	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.7	43.7	43.7	43.7
>=2000	18.6	44.7	45.0	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.0	46.0	46.0	46.0
>=1800	19.0	45.3	45.7	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.6	46.6	46.6	46.6
>=1600	19.0	45.3	45.7	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.6	46.6	46.6	46.6
>=1400	19.0	45.3	45.7	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.6	46.6	46.6	46.6
>=1200	19.0	45.3	45.7	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.6	46.6	46.6	46.6
>=1000	20.3	47.3	47.9	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.9	48.9	48.9	48.9
>=900	20.3	47.3	47.9	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.9	48.9	48.9	48.9
>=800	20.3	47.6	48.2	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2
>=700	20.3	47.6	48.2	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2
>=600	20.3	47.6	48.2	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2
>=500	20.9	48.2	48.9	49.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.2	50.2	50.2
>=4500	21.2	49.2	49.8	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.4
>=4000	21.5	51.4	52.4	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.0
>=3500	22.8	55.3	56.6	57.2	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.2	58.2	58.2	58.2
>=3000	25.1	61.7	63.7	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.6	65.6	65.6	65.6
>=2500	26.4	65.9	68.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4
>=2000	27.3	71.1	74.3	75.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8
>=1800	27.7	72.0	75.2	76.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8
>=1500	28.0	75.6	79.4	82.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.2	84.2	84.2	84.2
>=1200	28.3	76.2	80.4	83.6	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1
>=1000	28.6	77.2	82.0	86.5	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	91.3	91.3	91.3	91.3
>=900	28.6	77.2	82.0	86.5	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	91.3	91.3	91.3	91.3
>=800	28.6	77.5	82.3	86.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	92.0	92.0	92.0	92.0
>=700	28.6	77.5	82.3	86.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	92.0	92.0	92.0	92.0
>=600	28.6	77.5	82.3	86.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	92.0	92.0	92.0	92.0
>=500	28.6	77.8	82.6	87.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3
>=400	28.6	77.8	82.6	87.5	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=300	28.6	77.8	82.6	87.5	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=200	28.6	77.8	82.6	87.5	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=100	28.6	77.8	82.6	87.5	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>= C	28.6	77.8	82.6	87.5	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3

TOTAL NO. OF OBS : 311



# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.9	49.2	49.7	50.5	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
>=2000	30.7	52.7	53.3	54.1	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
>=1800	31.0	53.0	53.5	54.3	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=1600	31.3	53.3	53.8	54.6	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=1400	32.1	54.3	54.9	55.7	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=1200	32.9	56.8	57.3	58.2	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=1000	32.9	56.8	57.3	58.2	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=800	32.4	57.3	57.9	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>=700	34.0	58.2	59.0	59.8	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=600	34.2	58.4	59.2	60.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=500	34.2	59.0	59.8	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=450	35.3	60.1	60.9	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=400	36.4	62.5	63.3	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
>=350	38.0	67.9	68.8	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=300	41.6	76.6	78.0	79.8	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>=250	43.8	81.3	82.2	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>=200	44.6	85.6	87.8	88.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>=180	44.6	86.1	88.3	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=150	45.1	88.0	90.8	92.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
>=120	45.1	88.3	91.0	93.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
>=100	45.1	88.9	91.6	95.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=90	45.1	88.9	91.6	95.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=80	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=70	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=60	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=50	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=40	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=30	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=20	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=10	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=0	45.1	88.9	91.8	95.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NO. OF OBS : 368

# 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA

PERIOD OF RECORD : 1965-1987

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : APR  
HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	37.3	65.7	66.5	67.6	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>=20000	39.1	70.5	71.3	72.4	73.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>=10000	39.7	71.3	72.1	73.2	74.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>=16000	39.7	71.3	72.1	73.2	74.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>=14000	39.7	71.6	72.4	73.5	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>=12000	39.9	71.8	72.7	73.7	74.5	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=10000	41.3	73.7	74.5	75.6	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=9000	41.8	74.3	75.1	76.1	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=8000	42.6	75.9	76.7	77.7	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
>=7000	43.7	76.9	77.7	78.8	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
>=6000	44.0	77.2	78.0	79.1	79.9	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>=5000	44.9	78.3	79.1	80.2	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=4500	45.3	79.4	80.2	81.2	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>=4000	46.9	83.4	84.2	85.8	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>=3500	48.8	89.1	91.7	93.3	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=3000	49.6	90.9	91.7	93.3	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=2500	50.7	93.3	94.4	96.0	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=2000	50.7	93.3	94.4	96.0	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=1800	50.7	93.3	94.4	96.0	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=1600	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=1400	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=1200	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=1000	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=900	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=800	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=700	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=600	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=500	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=400	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=300	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=200	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=100	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=0	50.9	94.6	95.7	98.4	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NO. OF OPS : 373

# 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	40.1	70.3	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=20000	40.2	74.7	75.0	75.5	75.3	75.8	75.8	75.8	75.6	75.8	75.8	75.8	75.8	75.8	75.8
>=18000	41.2	75.3	75.5	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=16000	41.2	75.3	75.5	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=14000	41.5	75.8	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>=12000	41.8	76.1	76.4	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=10000	42.6	78.0	78.3	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=8000	42.6	78.0	78.3	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=6000	43.4	79.4	79.7	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
>=4000	43.4	79.4	79.7	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
>=3000	43.7	80.2	80.5	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=2000	44.5	81.3	81.6	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>=1800	45.3	82.1	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=1600	45.9	83.5	83.8	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>=1400	47.3	85.7	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>=1200	48.4	90.1	90.4	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>=1000	49.2	92.3	92.6	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>=800	50.0	94.8	95.3	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>=600	50.0	94.8	95.3	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>=400	50.3	96.2	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=200	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=100	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=50	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=20	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=10	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=5	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=2	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=1	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=0	50.3	96.4	96.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NO. OF OPS : 364

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.0	64.4	65.5	66.7	67.8	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=20000	23.6	67.8	69.0	70.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>=18000	23.6	67.8	69.0	70.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>=16000	23.6	67.8	69.0	70.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>=14000	23.6	67.8	69.0	70.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>=12000	23.6	68.4	69.5	70.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>=10000	24.1	70.1	71.3	72.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=9000	24.1	70.1	71.3	72.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=8000	24.1	70.7	71.8	73.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>=7000	25.3	73.0	74.1	75.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=6000	25.3	73.0	74.1	75.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=5000	25.3	73.6	74.7	75.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>=4500	25.3	73.6	74.7	75.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>=4000	25.3	73.6	74.7	75.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>=3500	25.3	75.3	77.0	78.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>=3000	25.3	78.2	79.9	81.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>=2500	25.3	83.3	85.6	86.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=2000	25.9	86.2	89.1	90.2	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>=1800	25.9	86.8	89.7	90.8	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=1500	25.9	89.1	92.5	93.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
>=1200	25.9	89.1	92.5	93.7	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>=1000	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=900	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=800	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=700	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=600	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=500	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=400	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=300	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=200	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=100	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=0	25.9	89.7	93.7	95.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NO. OF OBS : 174

# 2 - CEILING VS VISIBILITY

R

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=2000	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=1500	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=1000	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=750	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=500	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=250	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=100	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=50	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=25	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=10	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=5	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=2	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=1	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=1/2	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=1/4	6.8	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1
>=0	6.9	54.7	54.7	55.6	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	58.1	58.1	58.1	58.1

TOTAL NO. OF OBS : 117

# 2 - CEILING VS VISIBILITY

003154 : CAME PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONF SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : APR  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.6	56.7	57.5	58.2	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3
>=20000	28.4	60.3	61.1	61.8	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
>=15000	28.7	60.7	61.5	62.2	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
>=10000	28.8	60.9	61.7	62.5	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
>=8000	29.0	61.3	62.1	62.9	63.7	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
>=6000	29.9	63.1	64.0	64.7	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
>=4000	30.1	63.2	64.1	64.8	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9
>=3000	30.5	64.0	64.9	65.6	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
>=2000	30.9	64.7	65.6	66.4	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
>=1500	31.1	64.9	65.8	66.5	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
>=1000	31.3	65.4	66.3	67.1	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
>=800	31.9	66.1	67.0	67.8	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
>=600	32.4	67.5	68.5	69.3	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
>=400	33.5	70.7	71.8	72.7	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
>=300	35.2	76.4	77.8	78.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
>=250	36.3	80.0	81.7	82.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
>=200	37.1	83.5	85.5	86.5	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
>=1800	37.1	93.3	95.8	96.8	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
>=1500	37.4	96.1	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=1200	37.4	96.3	98.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=1000	37.5	96.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=900	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=800	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=700	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=600	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=500	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=400	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=300	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=200	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=100	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= U	37.5	97.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NO. OF OPS : 1870

# WIND RECORD

003194 : CAMP PENDOLTON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLAS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIRECTION	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	>56			
N	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.0	
NNE	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	1.7	
NE	4.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	2.5	
ENE	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	4.0	
E	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.5	
ESE	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	4.0	
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SSE	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.0	
S	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.5	
SSW	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.0	
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WSW	1.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	2.7	
W	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.0	
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NW	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.0	
NNW	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.0	
VAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
CLM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ALL	26.1	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.2	1.0	

TOTAL NO. OF OBS : 62

NOTES : # = PERCENT < .05

# 1 - SURFACE WINDS

CD3154 : CAMP PENDLETON, CA      LAT. : 33 18' LONG. : 117 21' ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987      MONTH : MAY  
 CLASS : ALL WEATHER      HOUR : 0000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)											TOTAL %		MEAN WIND SPEED	
16 PT. 1	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56					
DIR.																
N	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0			
NNE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0			
NE	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	2.8			
ENE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.5			
E	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.7			
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0			
SSE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0			
S	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0			
SSW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0			
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
WSW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0			
W	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0			
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NW	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0			
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70.7	.0			
ALL	17.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.6			

TOTAL NO. OF OBS : 103

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MCNTH : MAY  
 CLASS : ALL WEATHER HOUR : 0700 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL	MEAN
DIR.		1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	>56		Σ		SPEED			
N		.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.2				
NNE		2.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	2.7				
NE		3.2	2.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.1	3.3				
ENE		.5	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.0				
E		2.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	2.6				
ESE		.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.7				
SE		1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.6				
SSE		1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.8				
S		1.4	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.2				
SSW		.9	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.3				
SW		.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.5				
WSW		.6	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.8				
W		2.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.2				
WNW		1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.7				
NW		1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.0				
NNW		.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0				
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	60.6	.0				
ALL		22.0	13.3	3.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.4				

TOTAL NO. OF OBS : 345

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLAS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)											TOTAL	MEAN			
16-21	DIR.	1	-3	4	-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	#	WIND	SPEED
	N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NNE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	3.0
	NE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	3.0
	ENE	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	7.0
	E	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	4.5
	ESE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	3.0
	SE	1.9	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	2.9
	SSE	.6	1.3	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	.0	6.7
	S	2.4	5.9	5.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.6	.0	5.9
	SSW	1.1	9.1	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.4	.0	6.4
	SW	1.6	7.5	7.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.3	.0	6.1
	WSW	2.9	7.8	6.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.9	.0	6.2
	W	.5	4.3	5.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	.0	7.1
	WNW	.0	.3	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	7.0
	NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	.0	.0
	ALL	12.7	36.6	35.6	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	103.0	.0	5.4

TOTAL NO. OF OBS : 374

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDELTON, CA LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAY  
 CLASS : ALL WEATHER HOUR : 1300 LST

CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED			
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56						
16	21.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DIR.		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE		.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE		.0	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S		.2	3.5	6.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW		.3	4.3	15.7	2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW		.3	4.6	16.2	5.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW		.0	1.9	13.2	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W		.0	1.6	5.7	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW		.0	.3	.8	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL		1.1	17.0	58.1	22.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.0	9.0

TOTAL NO. OF OBS : 370

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL	MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	z		WIND	SPEED
N	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	7.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.6	.6	.3	.0	.0	.0	.0	.0	.0	.0	1.5	.0	7.6	.0
S	1.2	4.2	4.8	.0	.0	.0	.0	.0	.0	.0	.0	10.2	.0	6.4	.0
SSW	.0	4.8	14.1	1.2	.0	.0	.0	.0	.0	.0	.0	21.0	.0	7.8	.0
SW	.0	6.0	15.9	3.3	.0	.0	.0	.0	.0	.0	.0	25.2	.0	8.4	.0
WSW	.0	3.6	16.5	3.9	.3	.0	.0	.0	.0	.0	.0	24.3	.0	9.1	.0
W	.3	3.0	9.6	2.4	.0	.0	.0	.0	.0	.0	.0	15.3	.0	9.3	.0
WNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	1.8	.0	11.2	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	2.4	22.2	62.9	12.0	.3	.0	.0	.0	.0	.0	.0	100.0	.0	8.2	.0

TOTAL NO. OF OBS : 333

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAY  
 CLASS : ALL WEATHER HOUR : 1900 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16. PR.	1	3	4	6	7-10	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
						11-16	17-21	22-27	28-33	34-40	41-47	48-55	>50					
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>50					
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
E	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.0			
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SE	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0			
SSE	1.2	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7			
S	7.5	16.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.7	3.9			
SSW	4.4	10.6	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	16.9	4.2			
SW	10.0	17.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.7	3.9			
WSW	5.0	7.5	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	4.3			
W	.6	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.2			
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	.0			
ALL	30.0	54.4	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.6			

TOTAL NO. OF OBS : 163

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAY  
HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16-ET-1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	122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# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987

CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN	
16 PT. 1 1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-331 34-401 41-471 48-551 >=501																		
DIF.																		
N	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.2
NNE	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.6
NE	1.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.0
ENE	.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0
E	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.9
ESE	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.3
SE	.9	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.5
SSE	.7	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.6
S	1.5	4.4	3.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.7
SSW	1.2	4.9	7.7	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	7.2
SW	1.7	5.3	7.8	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.3	7.4
WSW	1.4	3.5	7.2	2.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	8.0
W	.7	2.1	4.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	7.8
WNW	.7	.1	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	8.5
NW	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.1
NNW	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.0	.0
ALL	13.1	23.5	31.9	7.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 1811

NOTES :  
 # = PERCENT < .05

LAT. : 37 18N LONG. : 117 21W FLEV. : 76 FT  
MONTH : MAY  
HOUR : 0100 LST

J03154 : CAMP PENDLETON. CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	0	16.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
>=2000	0	16.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
>=1000	0	16.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
>=16000	0	16.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
>=14000	0	16.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
>=12000	0	16.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
>=8000	0	16.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
>=6000	0	17.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
>=7000	0	17.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
>=6000	0	17.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
>=5000	0	17.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
>=4500	0	17.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
>=4000	0	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=3500	0	21.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
>=3000	1.6	35.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
>=2500	1.6	40.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
>=2000	1.6	45.2	50.0	53.2	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=1800	1.6	45.2	50.0	53.2	54.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=1500	1.6	53.2	58.1	66.1	67.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=1200	1.6	53.2	58.1	66.1	71.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>=1000	1.6	56.5	61.3	74.2	80.6	83.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>=900	1.6	56.5	61.3	74.2	80.6	83.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>=800	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=700	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=600	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=500	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=400	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=300	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=200	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=100	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9
>=0	1.6	56.5	61.3	77.4	83.0	86.7	88.7	90.3	90.3	90.3	90.3	91.9	91.9	91.9	91.9

TOTAL NO. OF OPS : 62



# 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 0400 LST

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	1.9	16.5	18.4	18.4	18.4	15.4	15.4	15.4	15.4	18.4	18.4	18.4	18.4	18.4	19.4	18.4
>=2000	1.9	18.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
>=1500	1.9	18.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
>=1400	1.9	18.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
>=1200	1.9	18.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
>=1000	1.9	20.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
>=900	1.9	20.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
>=800	1.9	20.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
>=700	1.9	20.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
>=600	1.9	20.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
>=500	1.9	20.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
>=400	1.9	21.4	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
>=300	1.9	28.2	32.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
>=250	1.9	36.9	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
>=200	1.9	45.6	48.5	52.4	53.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=180	1.9	45.6	48.5	52.4	53.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=150	1.9	52.4	55.3	62.1	64.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=120	1.9	52.4	55.3	62.1	64.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=100	1.9	54.4	59.2	68.9	75.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.6	80.6
>=90	1.9	54.4	59.2	68.9	76.7	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.6	81.6
>=80	1.9	54.4	60.2	70.9	80.6	85.4	85.4	85.4	85.4	86.4	86.4	86.4	86.4	86.4	87.4	87.4
>=70	1.9	54.4	60.2	70.9	83.5	87.4	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.2	92.2
>=60	1.9	54.4	60.2	71.8	84.5	89.3	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	93.2	93.2
>=50	1.9	54.4	60.2	71.8	84.5	89.3	91.3	92.2	92.2	95.1	95.1	95.1	95.1	95.1	96.1	96.1
>=40	1.9	54.4	60.2	71.8	84.5	89.3	91.3	92.2	93.2	96.1	96.1	96.1	96.1	96.1	97.1	98.1
>=30	1.9	54.4	60.2	71.8	84.5	89.3	91.3	92.2	93.2	96.1	96.1	96.1	96.1	96.1	97.1	99.0
>=20	1.9	54.4	60.2	71.8	84.5	89.3	91.3	93.2	94.2	97.1	97.1	97.1	97.1	97.1	99.0	100.0
>=10	1.9	54.4	60.2	71.8	84.5	89.3	91.3	93.2	94.2	97.1	97.1	97.1	97.1	97.1	99.0	100.0
>=	1.9	54.4	60.2	71.8	84.5	89.3	91.3	93.2	94.2	97.1	97.1	97.1	97.1	97.1	99.0	100.0

TOTAL NO. OF OBS : 103

# CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	6.9	20.6	21.2	21.2	21.3	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	23.0	23.0
>=2000	10.2	21.9	22.4	22.4	23.0	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.1	24.1
>=1800	10.2	21.3	22.4	22.4	23.0	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.1	24.1
>=1600	10.2	21.3	22.4	22.4	23.0	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.1	24.1
>=1400	10.2	21.3	22.4	22.4	23.0	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	24.1	24.1
>=1200	10.2	22.1	22.7	22.7	23.3	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.4	24.4
>=1000	10.2	22.7	23.5	23.5	24.1	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.3	25.3
>=900	10.2	22.7	23.5	23.5	24.1	24.7	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.3	25.3
>=800	10.2	23.3	24.1	24.1	24.7	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.9	25.9
>=700	10.2	23.3	24.1	24.1	24.7	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.9	25.9
>=600	10.2	23.3	24.1	24.1	24.7	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.9	25.9
>=500	10.5	23.5	24.7	24.7	25.3	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.5	26.5
>=450	10.5	23.5	25.0	25.0	25.6	26.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.7	26.7
>=400	10.8	24.4	25.6	25.6	26.2	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.3	27.3
>=350	11.6	28.2	29.7	29.7	30.5	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.7	31.7
>=300	13.7	35.8	37.5	37.8	38.7	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.8	39.8
>=250	16.0	41.9	43.6	44.2	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.2	46.2
>=200	16.6	46.2	49.1	50.9	52.0	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.2	53.2
>=180	16.9	46.5	49.7	51.5	52.6	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.8	53.8
>=150	17.4	52.6	58.1	60.8	63.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.8	64.8
>=120	17.4	53.5	60.8	64.8	67.7	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.8	69.8
>=100	17.4	54.7	62.8	69.5	75.6	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	81.4	81.4
>=90	17.4	54.7	63.4	70.1	77.6	81.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	84.6	84.6
>=80	17.4	54.9	64.2	71.5	79.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	87.8	87.8
>=70	17.4	54.9	64.5	71.5	80.9	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	89.5	89.5
>=60	17.4	54.9	64.5	72.1	81.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	92.7	92.7
>=50	17.4	54.9	64.5	72.1	81.4	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	94.8	94.8
>=40	17.4	54.9	64.8	72.4	81.7	89.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	96.8	96.8
>=30	17.4	55.2	65.1	72.7	82.0	89.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	98.0	98.0
>=20	17.4	55.2	65.1	72.7	82.0	89.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	99.1	99.1
>=10	17.4	55.2	65.1	72.7	82.0	89.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	99.4	99.4
>=0	17.4	55.2	65.1	72.7	82.0	89.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	99.4	99.4

TOTAL NO. OF OPS : 344

# C - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.0	42.6	45.6	46.9	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
>=2000	18.5	43.4	46.4	48.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
>=1800	18.5	43.4	46.4	48.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
>=1600	18.5	43.4	46.4	48.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
>=1400	18.5	43.4	46.4	48.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
>=1200	18.5	43.7	46.6	48.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
>=1000	18.8	44.2	47.2	49.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
>=800	18.8	44.2	47.2	49.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
>=600	18.8	45.0	48.0	49.9	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=400	18.8	45.3	48.3	50.1	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=200	19.3	45.6	48.6	50.4	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
>=100	19.3	46.1	49.1	50.9	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
>=50	19.3	46.6	49.6	51.5	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
>=40	19.5	48.8	51.7	53.6	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=30	22.3	55.0	58.2	60.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=20	23.9	62.7	66.2	68.1	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>=10	24.9	66.2	70.2	72.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>=5	25.7	68.9	74.5	77.2	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=2	26.3	70.5	76.1	79.1	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>=1	26.5	73.2	80.4	84.5	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>=0.5	26.8	74.3	82.3	87.9	91.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=0.2	26.8	74.5	82.5	89.8	94.1	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=0.1	26.8	74.5	82.5	89.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=0.05	26.8	74.5	82.5	89.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=0.02	26.8	74.5	82.5	89.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=0.01	26.8	74.5	82.5	89.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=0.005	26.8	74.5	82.5	89.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=0.002	26.8	74.5	82.5	89.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=0.001	26.8	74.5	82.5	89.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NO. OF OPS : 373

# CEILING VS VISIBILITY

R

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.9	58.1	62.5	64.7	66.6	66.5	66.8	65.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
>=2000	24.4	61.9	66.3	68.5	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=1800	24.4	61.9	66.3	68.5	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=1600	24.4	61.9	66.3	68.5	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=1400	24.4	61.9	66.3	68.5	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=1200	24.7	62.2	66.6	68.9	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>=1000	24.7	63.6	67.9	70.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
>=800	24.7	63.6	67.9	70.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
>=600	24.9	64.1	68.8	71.0	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>=400	25.5	64.7	69.7	71.5	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>=200	25.5	64.9	69.6	71.8	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>=5000	26.6	65.3	70.4	72.6	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=4500	26.6	65.8	70.4	72.6	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=4000	26.8	67.1	71.8	74.0	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>=3500	28.5	71.2	75.6	78.1	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>=3000	29.0	75.1	79.7	81.9	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=2500	30.7	76.7	81.4	83.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=2000	31.9	80.3	85.8	88.5	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=1800	31.9	80.3	85.8	88.5	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=1500	32.1	82.2	88.5	91.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=1200	32.1	82.5	88.6	93.2	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=1000	32.2	83.2	89.2	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=900	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=800	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=700	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=600	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=500	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=400	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=300	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=200	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=100	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=0	32.3	83.0	89.3	93.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NO. OF OBS : 245

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENOLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.4	62.4	64.5	66.7	68.8	69.1	69.1	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
>=20000	27.3	67.3	69.4	71.5	73.6	73.9	73.9	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=19000	27.3	67.6	69.7	71.8	73.9	74.2	74.2	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=18000	27.3	67.6	69.7	71.8	73.9	74.2	74.2	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=14000	27.6	67.9	70.0	72.1	74.2	74.5	74.5	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>=12000	27.6	68.2	70.3	72.4	74.5	74.8	74.8	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>=10000	27.9	70.3	72.4	74.8	77.0	77.6	77.6	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=9000	27.9	70.3	72.4	74.8	77.0	77.6	77.6	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=8000	27.9	70.3	72.4	74.8	77.0	77.6	77.6	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=7000	28.2	70.6	72.7	75.2	77.3	77.9	77.9	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8
>=6000	28.2	70.9	73.0	75.5	77.6	78.2	78.2	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=5000	28.2	71.2	73.3	75.8	77.9	78.5	78.5	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=4500	28.2	71.2	73.3	75.8	77.9	78.5	78.5	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=4000	28.5	72.4	74.5	77.0	79.1	79.7	79.7	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=3500	30.3	75.5	77.6	80.0	82.1	82.7	82.7	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
>=3000	30.9	78.5	80.6	83.0	85.2	85.8	85.8	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=2500	31.5	79.7	81.8	84.2	86.4	87.0	87.0	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=2000	32.7	82.7	85.5	88.2	90.3	90.9	90.9	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>=1800	32.7	82.7	85.5	88.2	90.3	90.9	90.9	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>=1500	32.7	84.2	87.6	90.9	93.0	93.9	93.9	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>=1200	33.0	85.5	89.4	92.7	94.8	95.3	95.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=1000	33.3	86.4	90.6	93.9	96.1	97.0	97.0	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=900	33.3	86.4	90.6	93.9	96.1	97.0	97.0	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=800	33.3	86.4	90.6	94.2	96.4	97.6	97.6	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=700	33.3	86.4	90.6	94.2	96.4	97.6	97.6	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=600	33.3	86.7	90.9	94.5	96.7	97.9	97.9	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=500	33.3	86.7	90.9	94.5	97.0	98.2	98.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=400	33.3	86.7	90.9	94.5	97.0	98.5	98.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	33.3	86.7	90.9	94.5	97.0	98.5	98.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	33.3	86.7	90.9	94.5	97.0	98.5	98.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	33.3	86.7	90.9	94.5	97.0	98.5	98.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	33.3	86.7	90.9	94.5	97.0	98.5	98.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 330

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 32 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.4	58.1	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=20000	15.0	62.5	63.7	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=19000	15.0	63.1	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=18000	15.0	63.1	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=17000	15.0	63.1	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=16000	15.0	63.1	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=15000	15.0	63.1	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=14000	15.0	63.1	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=13000	15.0	66.9	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>=12000	15.0	66.9	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>=11000	15.0	66.9	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>=10000	15.0	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=9000	15.0	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=8000	15.0	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=7000	15.0	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=6000	15.0	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=5000	15.0	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=4500	15.0	67.5	68.8	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>=4000	15.0	68.8	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=3500	15.0	70.6	72.5	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>=3000	15.6	75.3	76.9	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>=2500	15.6	76.2	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=2000	15.6	77.5	80.6	80.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=1800	15.6	77.5	80.6	80.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=1500	15.6	82.5	86.9	86.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
>=1200	15.6	84.4	90.0	90.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=1000	15.6	86.2	92.5	93.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>=900	15.6	86.2	92.5	93.1	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=800	15.6	86.9	93.1	93.8	96.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=700	15.6	86.9	93.1	93.8	96.2	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=600	15.6	86.9	93.1	93.8	96.2	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=500	15.6	86.9	93.1	93.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=400	15.6	86.9	93.1	93.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	15.6	86.9	93.1	93.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	15.6	86.9	93.1	93.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	15.6	86.9	93.1	93.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	15.6	86.9	93.1	93.8	96.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS : 160

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : MAY  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	.0	34.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
>=25000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=18000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=16000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=14000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=12000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=10000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=9000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=8000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=7000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=6000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=5000	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=4500	.0	35.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
>=4000	.0	37.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
>=3500	.0	40.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
>=3000	.0	46.9	53.1	53.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=2500	.0	53.1	59.4	59.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=2000	.0	59.4	67.2	68.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>=1800	.0	59.4	67.2	68.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>=1500	.0	62.5	71.5	75.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>=1200	.0	64.1	75.0	78.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>=1000	.0	65.6	79.7	85.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=900	.0	65.6	79.7	85.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=800	.0	65.6	81.3	87.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=700	.0	65.6	81.3	87.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=600	.0	65.6	81.3	87.5	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=500	.0	65.6	81.3	87.5	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=400	.0	65.6	81.3	87.5	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	.0	65.6	81.3	87.5	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	.0	65.6	81.3	87.5	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	.0	65.6	81.3	87.5	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	.0	65.6	81.3	87.5	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS :

64

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA

PERIOD OF RECORD : 1966-1987

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAY  
HOUR : ALLPERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.7	43.9	46.4	47.5	48.8	48.8	48.8	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
>=20000	17.2	46.5	49.0	50.2	51.4	51.5	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0
>=13000	17.2	46.6	49.1	50.3	51.5	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1
>=16000	17.2	46.6	49.1	50.3	51.5	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1
>=14000	17.2	46.6	49.2	50.4	51.6	51.6	51.6	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
>=12000	17.3	47.0	49.5	50.7	52.0	52.0	52.0	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
>=10000	17.4	48.2	50.8	52.1	53.3	53.4	53.4	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=9000	17.4	48.2	50.8	52.1	53.3	53.4	53.4	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=8000	17.5	48.7	51.4	52.6	53.9	54.0	54.0	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5
>=7000	17.7	48.9	51.6	52.9	54.1	54.2	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7
>=6000	17.8	49.1	51.7	53.0	54.2	54.4	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9
>=5000	18.0	49.5	52.2	53.5	54.7	54.9	54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4
>=4500	18.0	49.6	52.4	53.7	54.9	55.0	55.0	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
>=4000	18.2	50.9	53.7	55.0	56.2	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
>=3500	19.6	54.7	57.6	58.9	60.1	60.2	60.2	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=3000	20.8	60.6	63.6	64.9	66.2	66.4	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9
>=2500	21.8	64.0	67.1	68.6	70.0	70.1	70.1	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>=2000	22.5	67.7	71.0	74.2	76.0	76.2	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
>=1800	22.7	68.1	72.3	74.7	76.5	76.7	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
>=1500	22.9	71.7	77.2	80.6	82.8	83.2	83.2	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8
>=1200	23.0	72.6	78.8	83.1	85.9	86.3	86.3	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
>=1000	23.1	73.6	80.4	85.9	90.2	91.3	91.3	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6
>=900	23.1	73.6	80.5	86.0	90.7	92.0	92.0	92.8	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.5
>=800	23.1	73.7	80.8	86.7	91.8	93.3	93.3	94.4	94.7	95.1	95.1	95.1	95.2	95.2	95.3	95.3
>=700	23.1	73.7	80.9	86.8	92.3	93.9	93.9	95.2	95.8	96.3	96.3	96.3	96.3	96.3	96.4	96.4
>=600	23.1	73.3	81.1	87.1	92.7	94.3	94.3	95.8	96.4	97.2	97.2	97.2	97.3	97.3	97.5	97.5
>=500	23.1	73.8	81.1	87.1	92.8	94.5	94.5	96.3	97.1	97.2	97.9	98.0	98.2	98.2	98.3	98.4
>=400	23.1	73.8	81.1	87.2	92.9	94.6	94.6	96.4	97.4	97.6	98.5	98.6	98.7	98.7	98.9	99.0
>=300	23.1	73.8	81.2	87.2	92.9	94.7	94.7	96.5	97.7	97.8	98.9	99.2	99.2	99.2	99.4	99.5
>=200	23.1	73.8	81.2	87.2	92.9	94.7	94.7	96.6	97.8	97.9	99.1	99.2	99.5	99.5	99.8	100.0
>=100	23.1	73.8	81.2	87.2	92.9	94.7	94.7	96.6	97.8	97.9	99.1	99.2	99.5	99.5	99.8	100.0
>=0	23.1	73.8	81.2	87.2	92.9	94.7	94.7	96.6	97.8	97.9	99.1	99.2	99.5	99.5	99.8	100.0

TOTAL NO. OF OPS : 1801



# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
16 PT.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND	SPEED			
DIR.																	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNE	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	2.5	.0			
NE	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	2.0	.0			
ENE	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	1.7	.0			
E	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.0	.0			
ESE	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.0	.0			
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SW	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	1.5	.0			
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
W	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	2.0	.0			
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNW	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.0	.0			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	66.0	.0	.0			
ALL	32.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.7	.0			

TOTAL NO. OF OBS : 53

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 33.12N LONG. : 117.21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
16-PI.	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56							
DIR.																	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.0
NE	3.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	2.5
ENE	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.5
E	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	2.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
WSW	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.0
W	3.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	2.8
WNW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	76.0	.0
ALL	20.8	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103.0	.5

TOTAL NO. OF OBS : 96

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%		
N	2.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	2.9	
NNE	3.5	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.3	3.4	
NE	2.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	2.9	
ENE	.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.4	
E	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.4	
ESE	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.3	
SE	.3	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.0	
SSE	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.0	
S	2.3	2.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.9	3.8	
SSW	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.6	
SW	.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.0	
WSW	3.8	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	3.0	
W	4.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	2.7	
WNW	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0	
NW	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.5	
NNW	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ALL	26.3	13.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	59.0	100.0	1.3

TOTAL NO. OF OBS : 346

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JUN  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 1	SPEED (KNOTS)																TOTAL		MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND							SPEED
N	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	4.0
NNE	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	3.0
NE	.5	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	4.8
ENE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	3.0
E	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	3.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	3.5
SSE	1.7	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	4.5
S	2.9	9.3	2.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	14.9	.0	.0	.0	.0	.0	.0	5.2
SSW	2.4	11.2	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.5	.0	.0	.0	.0	.0	.0	5.8
SW	2.4	9.1	7.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	19.7	.0	.0	.0	.0	.0	.0	6.1
WSW	1.6	8.5	6.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	16.8	.0	.0	.0	.0	.0	.0	6.1
W	1.6	4.3	4.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	10.9	.0	.0	.0	.0	.0	.0	6.5
WNW	.0	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	5.4
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	14.4	46.4	26.9	2.7	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	.0	5.2

TOTAL NO. OF OBS : 375

NOTES :  
 \* = PERCENT < .05

# I - SURFACE WINDS

001154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JUN  
 CLASS : ALL WEATHER HOUR : 1300 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	%	%	%		
N	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	8.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	8.0
SSE	.2	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.0
S	.5	5.6	5.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	6.8
SSW	.5	2.9	11.5	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.9	8.4
SW	.0	4.5	17.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.5	9.0
WSW	.0	3.2	15.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.7	9.6
W	.0	1.1	8.6	3.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.6	9.7
WNW	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	1.3	17.6	59.9	20.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.8

TOTAL NO. OF OBS : 374

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA      LAT. : 33 18N    LONG. : 117 21W    ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987      MONTH : JUN  
 CLASS : ALL WEATHER      HOUR : 1600 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	>56						
N	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0				
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
NE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.0				
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
SSE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0				
S	.3	5.7	6.2	.3	.0	.0	.0	.0	.0	.0	.0	12.3	6.8				
SSW	1.1	5.4	10.8	1.1	.0	.0	.0	.0	.0	.0	.0	19.5	7.4				
SW	.3	6.6	16.5	3.1	.0	.0	.0	.0	.0	.0	.0	26.5	8.2				
WSW	.0	3.7	17.1	6.6	.0	.0	.0	.0	.0	.0	.0	27.4	9.3				
W	.0	2.0	8.0	3.7	.0	.0	.0	.0	.0	.0	.0	13.7	9.3				
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
ALL	2.0	23.9	59.3	14.8	.0	.0	.0	.0	.0	.0	.0	100.0	8.3				

TOTAL NO. OF OBS : 351

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JAN  
 HOUR : 1970 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 01.1 1 - 31 4 - 61 7-101 11-141 17-211 22-271 28-331 34-401 41-471 48-551 >=561		SPEED (KNOTS)																TOTAL	MEAN
DIR.																		%	SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	1.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.8	.0	
S	2.0	7.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	4.3	.0	
SSW	5.3	10.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5	4.2	.0	
SW	9.4	21.8	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32.4	4.3	.0	
WSW	7.6	17.6	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29.4	4.7	.0	
W	1.0	2.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	
ALL	28.6	62.4	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.3	.0	

TOTAL NO. OF OBS : 170

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 41W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JUN  
 CLASS : ALL WEATHER HOUR : 2200 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 11 - 31 4 - 61 7-101 11-161 17-211 22-271 28-331 34-401 41-471 48-551 >=561		SPEED (KNOTS)		TOTAL		MEAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TOTAL NO. OF OBS : 53

NOTES : # = PERCENT < .05



# 1 - SURFACE WINDS

031154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.3
NNE	1.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	3.1
NE	1.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.7	3.2
ENE	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.8
E	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.5
ESE	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.2
SE	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.5
SSE	.7	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
S	1.5	5.3	2.9	.2	.0	.0	.0	.0	.0	.0	.0	9.9	5.7
SSW	1.8	5.1	5.7	.8	.0	.0	.0	.0	.0	.0	.0	13.4	6.6
SW	1.8	6.3	8.3	2.0	.0	.0	.0	.0	.0	.0	.0	18.4	7.2
WSW	1.9	5.1	8.1	2.9	.0	.0	.0	.0	.0	.0	.0	18.0	7.6
W	1.6	2.1	4.3	1.6	.1	.0	.0	.0	.0	.0	.0	9.7	7.5
WNW	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.5
NW	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.5
NNW	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	21.6	.0
ALL	14.0	26.6	30.1	7.6	.1	.2	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 1918

NOTES : \* = PERCENT < .25

# 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=2000	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=1800	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=1600	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=1400	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=1200	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=1000	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=900	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=800	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=700	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=600	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=500	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=400	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=300	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=250	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=200	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=180	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=160	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=140	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=120	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=100	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=90	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=80	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=70	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=60	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=50	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=40	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=30	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=20	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=10	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
>=0	1.9	13.2	13.2	13.2	13.2	13.2	15.1	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6

TOTAL NO. OF OPS : 53

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=20000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=18000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=16000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=14000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=12000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=10000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=8000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=6000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=5000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=4500	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=4000	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=3500	1.0	9.4	9.4	10.4	10.4	10.4	10.4	11.5	11.5	11.5	11.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6
>=3000	1.0	10.4	10.4	11.5	11.5	11.5	11.5	12.5	12.5	12.5	12.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6
>=2500	1.0	11.5	11.5	12.5	12.5	12.5	12.5	13.5	13.5	13.5	13.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7
>=2000	1.0	14.6	14.6	15.6	15.6	15.6	15.6	16.7	16.7	16.7	16.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8
>=1800	1.0	14.6	14.6	15.6	15.6	15.6	15.6	16.7	16.7	16.7	16.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8
>=1500	1.0	28.1	30.2	33.3	34.4	34.4	34.4	36.5	36.5	36.5	36.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6
>=1200	1.0	30.2	33.3	36.5	38.5	38.5	38.5	41.7	41.7	41.7	41.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
>=1000	1.0	34.4	41.7	47.9	54.2	54.2	54.2	60.4	60.4	60.4	60.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>=900	1.0	34.4	41.7	49.0	55.2	55.2	55.2	61.5	61.5	61.5	61.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
>=800	1.0	34.4	41.7	50.0	60.4	60.4	60.4	67.0	67.0	67.0	67.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>=700	1.0	34.4	41.7	50.0	61.5	61.5	61.5	67.0	67.0	67.0	67.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
>=600	1.0	34.4	41.7	50.0	64.6	64.6	64.6	70.3	70.3	70.3	70.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>=500	1.0	34.4	41.7	50.0	65.6	65.6	65.6	71.9	71.9	71.9	71.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=400	1.0	34.4	41.7	50.0	65.6	65.6	65.6	71.9	71.9	71.9	71.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=300	1.0	34.4	41.7	50.0	65.6	65.6	65.6	71.9	71.9	71.9	71.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=200	1.0	34.4	41.7	50.0	65.6	65.6	65.6	71.9	71.9	71.9	71.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=100	1.0	34.4	41.7	50.0	65.6	65.6	65.6	71.9	71.9	71.9	71.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=0	1.0	34.4	41.7	50.0	65.6	65.6	65.6	71.9	71.9	71.9	71.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5

TOTAL NO. OF OBS : 96

## 2 - CEILING VS VISIBILITY

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QQ3154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	6.6	14.1	14.7	14.9	15.5	15.5	15.5	15.5	15.8	15.8	15.8	15.8	15.8	15.8	15.8
>=20000	6.9	14.4	14.9	15.2	15.8	15.8	15.8	15.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1
>=18000	6.9	14.4	14.9	15.2	15.8	15.8	15.8	15.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1
>=16000	6.9	14.4	14.9	15.2	15.8	15.8	15.8	15.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1
>=14000	6.9	14.4	14.9	15.2	15.8	15.8	15.8	15.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1
>=12000	6.9	14.4	14.9	15.2	15.8	15.8	15.8	15.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1
>=10000	7.2	14.7	15.2	15.5	16.1	16.1	16.1	16.1	16.4	16.4	16.4	16.4	16.4	16.4	16.4
>=9000	7.2	14.9	15.5	15.8	16.4	16.4	16.4	16.4	16.7	16.7	16.7	16.7	16.7	16.7	16.7
>=8000	7.2	14.9	15.5	15.8	16.4	16.4	16.4	16.4	16.7	16.7	16.7	16.7	16.7	16.7	16.7
>=7000	7.5	15.2	15.8	16.1	16.7	16.7	16.7	16.7	17.0	17.0	17.0	17.0	17.0	17.0	17.0
>=6000	7.8	15.5	16.1	16.4	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2
>=5000	7.8	15.5	16.1	16.4	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2
>=4500	7.8	15.5	16.1	16.4	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2
>=4000	7.8	16.1	16.7	17.0	17.5	17.5	17.5	17.5	17.8	17.8	17.8	17.8	17.8	17.8	17.8
>=3500	8.0	17.0	17.5	17.8	18.4	18.4	18.4	18.4	18.7	18.7	18.7	18.7	18.7	18.7	18.7
>=3000	8.6	21.0	21.8	22.1	22.7	22.7	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0
>=2500	9.2	24.1	25.3	26.7	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6
>=2000	11.5	30.2	32.5	35.3	35.9	36.2	36.2	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5
>=1800	11.5	30.2	32.5	35.6	36.2	36.5	36.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8
>=1500	11.8	36.2	40.5	44.8	47.4	47.7	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0
>=1200	12.6	39.4	45.1	52.0	56.6	57.4	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=1000	12.9	42.0	48.3	56.6	64.9	67.5	67.8	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>=900	12.9	42.0	48.6	57.8	66.4	69.5	70.1	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>=800	12.9	42.2	49.1	58.3	68.1	72.4	75.0	75.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=700	12.9	42.8	49.7	59.5	69.8	75.0	79.0	80.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=600	12.9	42.8	50.0	59.8	70.4	76.1	82.2	84.2	85.3	85.6	85.6	85.9	85.9	86.2	86.2
>=500	12.9	42.8	50.3	60.9	71.8	78.4	85.9	89.9	93.1	93.7	93.7	94.3	94.3	94.5	94.5
>=400	12.9	42.8	50.3	60.9	71.8	78.4	85.9	91.5	94.3	95.1	95.1	96.3	96.3	96.6	96.6
>=300	12.9	42.8	50.3	60.9	71.8	78.4	85.9	91.5	95.4	96.3	96.3	98.3	98.3	98.6	98.6
>=200	12.9	42.8	50.3	60.9	71.8	78.4	85.9	91.5	95.4	96.8	96.8	99.1	99.1	99.7	99.7
>=100	12.9	42.8	50.3	60.9	71.8	78.4	85.9	91.5	95.4	96.8	96.8	99.1	99.1	99.7	99.7
>=0	12.9	42.8	50.3	60.9	71.8	78.4	85.9	91.5	95.4	96.8	96.8	99.1	99.1	99.7	99.7

TOTAL NO. OF OBS : 346

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JUN  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.9	43.6	46.8	48.7	50.0	50.3	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
>=2000	18.9	44.1	47.3	49.2	50.5	50.8	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=1800	18.9	44.1	47.3	49.2	50.5	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=1600	18.9	44.1	47.3	49.2	50.5	50.3	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=1400	18.9	44.1	47.3	49.2	50.5	50.3	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=1200	19.1	44.4	47.6	49.7	51.1	51.3	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=1000	19.1	44.9	48.1	50.3	51.6	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=900	19.1	44.9	48.1	50.3	51.6	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=800	19.1	44.9	48.1	50.3	51.6	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=700	19.1	44.9	48.1	50.3	51.6	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=600	19.1	44.9	48.1	50.3	51.6	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=500	19.1	44.9	48.1	50.3	51.6	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=400	19.4	45.7	48.9	51.1	52.4	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=3500	19.7	47.9	51.1	53.2	54.5	54.3	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
>=3000	21.3	52.1	55.3	57.4	58.8	59.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=2500	23.1	57.2	61.2	63.3	64.6	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>=2000	24.5	62.5	67.6	69.4	71.1	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>=1800	24.5	62.8	67.6	69.9	72.1	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>=1500	25.0	68.1	75.8	80.9	83.8	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>=1200	25.3	69.4	78.2	84.3	89.6	92.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>=1000	25.5	70.5	80.6	87.8	93.6	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=900	25.5	70.7	81.1	88.6	94.7	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>=800	25.5	70.7	81.4	88.8	94.9	96.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=700	25.5	70.7	81.4	88.8	94.9	97.1	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=600	25.5	70.7	81.4	88.8	94.9	97.3	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=500	25.5	70.7	81.4	88.8	95.2	97.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=400	25.5	70.7	81.4	88.8	95.2	97.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	25.5	70.7	81.4	88.8	95.2	97.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	25.5	70.7	81.4	88.8	95.2	97.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	25.5	70.7	81.4	88.8	95.2	97.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	25.5	70.7	81.4	88.8	95.2	97.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

# 2 - CEILING VS VISIBILITY

R

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.5	62.4	65.3	69.1	69.9	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=20000	23.5	64.5	67.5	71.2	72.3	72.8	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=18000	23.5	64.5	67.5	71.2	72.3	72.8	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=16000	23.5	64.5	67.5	71.2	72.3	72.8	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=14000	23.5	64.5	67.5	71.2	72.3	72.8	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=12000	24.3	65.3	68.5	72.3	73.3	73.9	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>=10000	24.3	65.9	69.1	73.1	74.1	74.7	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>=9000	24.3	65.9	69.1	73.1	74.1	74.7	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>=8000	24.5	66.1	69.3	73.3	74.4	74.9	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=7000	24.5	66.1	69.3	73.3	74.4	74.9	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=6000	24.8	66.4	69.6	73.6	74.7	75.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=5000	24.8	66.4	69.6	73.6	74.7	75.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=4500	24.8	66.4	69.6	73.6	74.7	75.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=4000	24.8	66.7	69.9	73.9	74.9	75.5	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=3500	25.3	67.2	70.7	74.7	75.7	76.3	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
>=3000	26.7	70.1	73.6	77.6	78.7	79.2	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>=2500	28.7	72.8	76.3	80.8	81.9	82.4	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=2000	28.3	75.5	79.2	83.7	84.8	85.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>=1800	28.5	76.8	80.5	85.1	86.1	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=1500	29.1	79.7	83.7	88.8	90.1	90.7	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>=1200	29.1	81.1	85.6	91.2	93.6	94.1	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=1000	29.1	81.6	88.0	94.1	96.5	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=900	29.1	81.6	88.0	94.1	96.5	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=800	29.1	81.6	88.0	94.4	97.1	97.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=700	29.1	81.6	88.0	94.7	97.3	97.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=600	29.1	81.6	88.0	94.7	97.3	97.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=500	29.1	81.6	88.0	94.7	97.3	98.1	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=400	29.1	81.6	88.0	94.7	97.3	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	29.1	81.6	88.0	94.7	97.3	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	29.1	81.6	88.0	94.7	97.3	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	29.1	81.6	88.0	94.7	97.3	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	29.1	81.6	88.0	94.7	97.3	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 375

# 2 - CEILING VS VISIBILITY

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JUN  
HOUR : 1600 LST

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.6	66.5	69.6	72.4	73.3	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>=20000	25.6	68.5	71.6	74.4	75.3	75.9	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=18000	25.6	68.5	71.6	74.4	75.3	75.9	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=16000	25.6	68.8	71.9	74.7	75.6	76.1	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=14000	25.6	68.8	71.9	74.7	75.6	76.1	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=12000	25.6	68.8	71.9	74.7	75.6	76.1	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=10000	25.9	70.2	73.3	76.1	77.0	77.6	77.6	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>=9000	25.9	70.2	73.3	76.1	77.0	77.6	77.6	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>=8000	25.9	70.5	73.6	76.4	77.3	77.8	77.8	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>=7000	25.9	70.5	73.6	76.4	77.3	77.8	77.8	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>=6000	25.9	70.5	73.6	76.4	77.3	77.8	77.8	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>=5000	25.9	70.5	73.6	76.4	77.3	77.8	77.8	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>=4500	25.9	70.5	73.6	76.4	77.3	77.8	77.8	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>=4000	25.9	70.5	73.6	76.4	77.3	77.8	77.8	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>=3500	26.4	71.0	74.1	77.0	77.8	78.4	78.4	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>=3000	28.4	73.9	77.0	79.8	80.7	81.3	81.3	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>=2500	28.7	75.0	78.1	81.0	81.8	82.4	82.4	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>=2000	29.8	79.3	82.4	85.8	86.6	87.5	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
>=1800	30.1	79.5	82.7	86.1	86.9	87.8	87.8	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
>=1500	31.3	83.2	86.9	90.6	91.8	92.6	92.6	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=1200	31.8	84.1	88.1	92.0	94.3	95.2	95.2	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>=1000	31.8	84.7	88.9	93.5	96.0	96.9	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>=900	32.1	84.9	89.2	93.8	96.3	97.2	97.2	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>=800	32.1	84.9	89.2	94.3	96.9	98.0	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=700	32.1	84.9	89.2	94.3	96.9	98.0	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=600	32.1	84.9	89.2	94.3	96.9	98.0	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=500	32.1	84.9	89.2	94.3	96.9	98.0	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=400	32.1	84.9	89.2	94.3	97.2	98.3	98.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=300	32.1	84.9	89.2	94.3	97.2	98.3	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	32.1	84.9	89.2	94.3	97.2	98.3	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	32.1	84.9	89.2	94.3	97.2	98.3	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	32.1	84.9	89.2	94.3	97.2	98.3	98.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS : 352

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JUN  
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.8	58.6	60.9	62.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=2000	17.8	60.9	63.3	64.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=1800	17.8	60.9	63.3	64.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=1600	17.8	60.9	63.3	64.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=1400	17.8	60.9	63.3	64.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=1200	17.8	60.9	63.3	64.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=1000	17.8	60.9	63.3	64.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=900	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=800	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=700	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=600	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=500	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=400	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=300	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=200	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=100	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=0	17.8	61.5	63.9	65.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9

TOTAL NO. OF OBS : 169



# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	.0	35.8	37.7	39.6	39.6	39.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.4
>=2000	.0	35.8	37.7	39.6	39.6	39.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.4
>=1800	.0	35.8	37.7	39.6	39.6	39.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.4
>=1600	.0	35.8	37.7	39.6	39.6	39.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.4
>=1400	.0	35.8	37.7	39.6	39.6	39.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.4
>=1200	.0	35.8	37.7	39.6	39.6	39.6	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	43.4
>=1000	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=900	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=800	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=700	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=600	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=500	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=400	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=300	.0	37.7	39.6	41.5	41.5	41.5	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	45.3
>=250	.0	39.6	41.5	43.4	43.4	43.4	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	47.2
>=200	.0	43.4	45.3	50.9	50.9	50.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	54.7
>=1800	.0	43.4	45.3	50.9	50.9	50.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	54.7
>=1500	.0	62.3	66.0	75.5	75.5	75.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	81.1
>=1200	.0	64.2	67.9	77.4	79.2	79.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	84.9
>=1000	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=900	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=800	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=700	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=600	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=500	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=400	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=300	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=200	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=100	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
>=0	.0	69.8	75.5	86.8	92.5	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0

TOTAL NO. OF OPS : 53

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUN  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.7	44.7	47.0	49.0	49.8	50.1	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9
>=2000	16.7	45.9	48.2	50.2	51.1	51.4	51.9	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
>=1800	16.7	45.9	48.2	50.2	51.1	51.4	51.9	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
>=1600	16.7	46.0	48.2	50.2	51.2	51.5	51.9	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=1400	16.7	46.0	48.2	50.2	51.2	51.5	51.9	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=1200	17.0	46.2	48.5	50.5	51.5	51.3	52.3	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
>=1000	17.1	46.9	49.2	51.3	52.2	52.5	53.0	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
>=900	17.1	46.9	49.2	51.3	52.3	52.6	53.0	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
>=800	17.1	47.0	49.3	51.4	52.4	52.7	53.1	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
>=700	17.2	47.1	49.4	51.5	52.4	52.7	53.2	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7
>=600	17.3	47.2	49.5	51.6	52.5	52.9	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
>=500	17.3	47.2	49.5	51.6	52.5	52.9	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
>=4500	17.3	47.2	49.5	51.6	52.5	52.9	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
>=4000	17.3	47.5	49.8	51.9	52.9	53.2	53.6	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=3500	17.7	48.4	50.8	52.9	53.8	54.1	54.6	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=3000	18.9	51.5	53.9	56.0	57.2	57.7	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
>=2500	19.8	54.2	56.8	59.2	60.2	60.5	60.9	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=2000	20.8	58.4	61.5	64.5	65.6	66.1	66.5	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
>=1800	21.0	58.9	62.0	65.1	66.2	66.7	67.1	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
>=1500	21.5	65.0	69.7	74.0	75.9	76.3	76.9	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
>=1200	21.8	66.9	72.4	77.6	81.0	81.7	82.3	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
>=1000	22.0	68.7	75.5	82.1	86.7	88.1	88.9	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
>=900	22.0	68.8	75.7	82.6	87.4	89.0	89.9	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
>=800	22.0	68.9	76.0	83.0	88.3	90.3	91.9	92.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=700	22.0	69.0	76.1	83.4	88.7	91.2	93.1	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
>=600	22.0	69.0	76.1	83.4	89.1	91.7	94.2	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
>=500	22.0	69.0	76.2	83.7	89.5	92.3	95.3	97.0	97.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
>=400	22.0	69.0	76.2	83.7	89.6	92.4	95.4	97.3	97.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7
>=300	22.0	69.0	76.2	83.7	89.6	92.4	95.4	97.3	97.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0
>=200	22.0	69.0	76.2	83.7	89.6	92.4	95.4	97.3	97.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1
>=100	22.0	69.0	76.2	83.7	89.6	92.4	95.4	97.3	97.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1
>=0	22.0	69.0	76.2	83.7	89.6	92.4	95.4	97.3	97.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1

TOTAL NO. OF OPS : 1672

# 1 - SURFACE WINDS

QQ3154 : CAMP PENDLETON, CA      R      LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987      MONTH : JUL  
 CLASS : ALL WEATHER      HGROUP : 0100 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	16-21	21-26	26-31	31-36	36-41	41-46	46-51	51-56	56-61	61-66	66-71	71-76	76-81	81-86	86-91	91-96		
N	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	2.0
NNE	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
NE	13.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	2.0
ENE	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	2.5
E	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.0
S	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
W	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.0
WNW	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	33.3	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63.0	.9

TOTAL NO. OF OBS : 54

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP. PENOLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	1	2	3	4	5		
N	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	2.0
NNE	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.0
NE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.0
ENE	4.3	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	2.2
E	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	2.3
ESE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0
SE	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	2.3
SSE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0
S	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.3
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	68.8	.0
ALL	28.0	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.8

TOTAL NO. OF OBS : 93

NOTES :  
 \* = PERCENT < .05

Q03154 : CAME PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 0700 LST

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

16 PT. 1	SPEED (KNOTS)										TOTAL	MEAN
	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	%	WIND SPEED
N	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.7
NNE	2.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.4
NE	1.1	1.1	.3	.0	.0	.0	.0	.0	.0	.0	2.4	3.9
ENE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.9
E	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.7
ESE	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.0
SE	.8	.8	.3	.0	.0	.0	.0	.0	.0	.0	1.6	4.2
SSE	.8	.8	.3	.0	.0	.0	.0	.0	.0	.0	1.9	3.9
S	1.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.0
SSW	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.3
SW	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.0
WSW	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.6
W	2.4	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.1
WNW	1.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.7
NW	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.4
NNW	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	2.6	9.2	.8	.0	.0	.0	.0	.0	.0	.0	67.4	1.0

TOTAL NO. OF OBS : 368

NOTES :  
 # = PERCENT < .05

CO3154 : CAMP PENCELTON. CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 33 10' LONG. : 117 21' ELEV. : 76 FT  
MONTH : JUL  
HOUR : 1000 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
DIRECTION VS SPEED  
(FROM HOURLY OBSERVATIONS)

[illegible]

ACTUAL NO. OF DES : 387

NOTES : # = PERCENT &lt; .05

# 1 - SURFACE WINDS

001154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)																TOTAL	MEAN		
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56								%	SPEED
16 DIR.	1																				
010.	1																				
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
ENE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0	.0			
E	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0	.0			
ESE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0	.0			
SE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0	.0			
SSE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.0	.0			
S	.3	3.3	6.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5	7.9	.0			
SSW	.5	2.6	14.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.4	8.9	.0			
SW	.3	3.6	16.6	7.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.3	9.5	.0			
WSW	.8	2.0	14.8	4.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.7	9.3	.0			
W	.3	2.0	9.9	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	8.9	.0			
WNW	.0	.3	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.8	.0			
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
ALL	2.3	14.5	62.2	20.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.0	.0			

TOTAL NO. OF OBS : 392

NOTES :  
 # = PERCENT < .25

# 1 - SURFACE WINDS

001154 : CAMP PENULTON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER

LAT. : 33 18' LONG. : 117 21' ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 1600 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
16 PT. 1	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56						
DIP. 1	1	1	1	1	1	1	1	1	1	1	1	1					
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
E	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6	9.0					
ESE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0					
SE	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.6	6.0					
SSE	.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.8					
S	.3	5.1	7.4	.9	.0	.0	.0	.0	.0	.0	13.7	7.4					
SSW	.9	6.5	12.8	2.7	.0	.0	.0	.0	.0	.0	22.9	7.9					
SW	.3	4.5	18.8	6.3	.0	.0	.0	.0	.0	.0	29.8	8.7					
WSW	.3	3.6	13.1	3.0	.6	.0	.0	.0	.0	.0	23.5	8.9					
W	.3	2.4	5.1	1.5	.0	.0	.0	.0	.0	.0	9.2	8.1					
WNW	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.6	11.0					
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0					
ALL	2.7	23.5	58.3	14.6	.6	.0	.0	.0	.0	.0	100.0	8.2					

TOTAL NO. OF OBS : 336

NOTES : \* = PERCENT < .05



# 1 - SURFACE WINDS

001154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL %		MEAN
DIR.		1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			WIND			
																		SPEED		
N	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.0			
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NE	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0			
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
E	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0			
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SE	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.5			
SSE	2.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	3.7			
S	4.8	10.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.9	4.2			
SSW	5.2	15.9	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.3	4.7			
SW	7.9	18.5	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.7	4.6			
WSW	6.3	6.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	3.5			
W	.5	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.4			
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	.0			
ALL	28.6	57.1	10.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.2			

TOTAL NO. OF OBS : 189

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	%	%	%		
N	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
SE	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
SSE	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
S	3.3	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.0
SSW	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	1.7
SW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
WSW	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	2.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	68.3	.0
ALL	26.7	3.3	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.9

TOTAL NO. OF OBS : 60

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

DQ3154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

	SPEED (KNOTS)																TOTAL	MEAN
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16		
DIR.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.6
NNE	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.3
NE	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
ENE	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
E	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.8
ESE	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.8
SE	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.3
SSE	.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
S	1.6	4.9	3.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	6.1
SSW	2.0	5.5	7.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.7	6.8
SW	1.4	5.5	8.8	2.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.6	7.7
WSW	1.8	3.8	6.7	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	7.5
W	1.0	2.7	3.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	7.2
WNW	.4	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.9
NW	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.1
NNW	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.6	.0
ALL	13.6	25.2	31.3	7.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 1879

NOTES :  
 \* = PERCENT < .05

## 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JUL  
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=20000	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=18000	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=16000	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=14000	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=12000	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=10000	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=9000	.0	16.7	16.7	16.7	16.7	16.7	20.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
>=8000	.0	18.5	18.5	18.5	18.5	18.5	22.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
>=7000	.0	18.5	18.5	18.5	18.5	18.5	22.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
>=6000	.0	18.5	18.5	18.5	18.5	18.5	22.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
>=5000	.0	18.5	18.5	18.5	18.5	18.5	22.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
>=4500	.0	18.5	18.5	18.5	18.5	18.5	22.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
>=4000	.0	18.5	18.5	18.5	18.5	18.5	22.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
>=3500	.0	18.5	18.5	18.5	18.5	18.5	22.2	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
>=3000	.0	20.4	20.4	20.4	20.4	20.4	24.1	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
>=2500	.0	20.4	20.4	20.4	20.4	20.4	24.1	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
>=2000	.0	24.1	24.1	24.1	24.1	24.1	27.8	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
>=1800	.0	25.9	25.9	25.9	25.9	25.9	29.6	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
>=1500	.0	53.7	55.6	55.6	55.6	55.6	57.4	61.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>=1200	.0	57.4	59.3	59.3	59.3	61.1	63.0	66.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=1000	.0	59.3	63.0	63.0	68.5	72.2	74.1	77.8	81.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
>=900	.0	59.3	63.0	63.0	68.5	72.2	74.1	77.8	81.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
>=800	.0	59.3	63.0	63.0	70.4	74.1	75.9	81.5	87.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>=700	.0	59.3	63.0	63.0	70.4	74.1	75.9	81.5	87.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>=600	.0	59.3	63.0	63.0	70.4	74.1	75.9	81.5	87.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>=500	.0	59.3	63.0	63.0	70.4	74.1	75.9	83.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=400	.0	59.3	63.0	63.0	70.4	74.1	75.9	83.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=300	.0	59.3	63.0	63.0	70.4	74.1	77.8	85.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=200	.0	59.3	63.0	63.0	70.4	74.1	77.8	85.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=100	.0	59.3	63.0	63.0	70.4	74.1	77.8	85.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=0	.0	59.3	63.0	63.0	70.4	74.1	77.8	85.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NO. OF OBS :

54

# 2 - CEILING VS VISIBILITY

G03154 : CAME PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT : 32 18N LONG : 117 21W ELEV : 76 FT  
 MONTH : JUL  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	1.1	20.4	22.6	22.6	23.7	23.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
>=20000	1.1	21.5	23.7	23.7	24.7	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
>=18000	1.1	21.5	23.7	23.7	24.7	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
>=16000	1.1	21.5	23.7	23.7	24.7	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
>=14000	1.1	21.5	23.7	23.7	24.7	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
>=12000	1.1	21.5	23.7	23.7	24.7	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
>=10000	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=9000	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=8000	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=7000	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=6000	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=5000	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=4500	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=4000	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=3500	1.1	22.6	24.7	24.7	25.8	25.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
>=3000	1.1	23.7	25.8	25.8	26.9	26.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
>=2500	1.1	23.7	25.8	25.8	26.9	26.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
>=2000	1.1	25.8	28.0	28.0	29.0	29.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
>=1800	1.1	25.8	28.0	28.0	29.0	29.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
>=1500	1.1	39.8	43.0	43.0	44.1	44.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
>=1200	1.1	44.1	48.4	50.5	53.8	53.8	54.8	54.8	55.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
>=1000	1.1	45.2	51.6	59.1	68.8	68.8	72.0	73.1	73.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=900	1.1	45.2	51.6	59.1	69.9	69.9	74.2	75.3	75.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=800	1.1	45.2	52.7	61.3	74.2	74.2	79.6	82.8	82.8	87.1	87.1	88.2	88.2	88.2	88.2	88.2
>=700	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2
>=600	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2
>=500	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2
>=400	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2
>=300	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2
>=200	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2
>=100	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2
>=0	1.1	45.2	52.7	61.3	75.3	75.3	80.6	83.9	83.9	88.2	88.2	89.2	89.2	89.2	89.2	89.2

TOTAL NO. OF OPS : 03

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	8.2	21.2	22.0	22.5	24.5	24.5	24.7	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3
>=20000	8.2	22.0	22.8	23.4	25.5	25.5	25.8	26.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4
>=19000	8.5	22.3	23.1	23.6	25.8	25.8	26.1	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6
>=16000	8.5	22.3	23.1	23.6	25.8	25.8	26.1	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6
>=14000	9.8	23.1	23.9	24.5	26.6	26.6	26.9	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5
>=12000	9.9	24.5	25.3	25.8	28.0	28.0	28.3	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8
>=10000	10.2	25.3	26.1	26.9	29.1	29.1	29.4	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9
>= 9000	10.2	25.5	26.4	27.2	29.4	29.4	29.7	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2
>= 8000	10.4	26.9	27.7	28.6	30.8	30.8	31.0	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6
>= 7000	10.4	26.9	27.7	28.6	31.0	31.0	31.3	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9
>= 6000	10.4	26.9	28.0	28.8	31.3	31.3	31.6	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1
>= 5000	10.4	26.9	28.0	28.8	31.3	31.3	31.6	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1
>= 4000	10.4	26.9	28.0	28.8	31.3	31.3	31.6	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1
>= 3500	10.4	27.2	28.3	29.1	31.6	31.6	31.9	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4
>= 3000	10.7	28.6	29.7	30.5	33.0	33.0	33.2	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8
>= 2500	11.0	29.7	30.8	31.9	34.3	34.3	34.6	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2
>= 2000	11.8	31.9	34.3	35.7	38.2	38.2	38.5	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0
>= 1800	11.8	32.4	34.9	36.3	38.7	38.7	39.0	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6
>= 1500	12.9	38.5	43.7	45.3	50.0	50.0	50.3	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8
>= 1200	13.2	41.8	49.6	54.7	62.4	62.4	62.9	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>= 1000	13.2	44.0	51.6	59.1	69.5	69.5	70.9	72.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4
>= 900	13.2	44.2	52.5	59.9	71.4	71.4	73.4	75.8	76.6	76.9	76.9	76.9	76.9	76.9	76.9
>= 800	13.2	45.6	54.1	62.4	76.1	76.1	79.9	83.0	83.8	84.6	84.6	84.6	84.6	84.6	84.6
>= 700	13.2	45.6	54.4	62.9	77.5	77.5	81.3	84.9	86.5	87.6	87.6	87.6	87.6	87.6	87.6
>= 600	13.2	45.6	54.4	62.9	77.5	77.5	82.1	86.3	87.1	89.3	90.4	90.9	90.9	90.9	90.9
>= 500	13.2	45.6	54.4	62.9	77.5	77.5	82.1	86.3	89.5	92.6	94.5	95.3	95.3	95.3	95.3
>= 400	13.2	45.6	54.4	62.9	77.5	77.5	82.1	86.5	89.3	94.2	96.2	97.3	97.3	97.5	97.5
>= 300	13.2	45.6	54.4	62.9	77.5	77.5	82.1	86.5	89.8	94.8	96.7	97.8	97.8	98.4	98.4
>= 200	13.2	45.6	54.4	62.9	77.5	77.5	82.1	86.5	89.8	94.8	97.5	98.9	98.9	99.7	99.7
>= 100	13.2	45.6	54.4	62.9	77.5	77.5	82.1	86.5	89.8	94.8	97.8	98.9	98.9	100.0	100.0
>= U	13.2	45.6	54.4	62.9	77.5	77.5	82.1	86.5	89.8	94.8	97.8	98.9	98.9	100.0	100.0

TOTAL NO. OF OBS : 364

# 2 - CEILING VS VISIBILITY

G03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	28.3	68.6	72.8	75.1	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=20000	28.8	69.4	73.6	75.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=18000	28.8	69.4	73.6	75.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=16000	29.1	69.6	73.8	76.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>=14000	29.3	69.9	74.1	76.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=12000	29.8	70.4	74.6	77.2	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
>=10000	30.9	72.0	76.4	79.6	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=9000	30.9	72.0	76.4	79.6	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=8000	30.9	72.8	77.2	80.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>=7000	31.2	73.3	77.7	80.9	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=6000	31.2	73.3	77.7	80.9	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=5000	31.2	73.3	77.7	80.9	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=4500	31.4	73.6	78.0	81.2	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>=4000	31.4	73.8	78.3	81.4	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>=3500	31.4	74.1	78.5	81.7	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=3000	31.7	74.3	78.8	81.9	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>=2500	31.9	75.4	80.1	83.2	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>=2000	32.2	77.2	82.2	85.3	86.6	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>=1800	32.2	77.2	82.5	85.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>=1500	32.2	79.1	86.1	89.5	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=1200	32.2	79.8	88.0	91.6	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
>=1000	32.2	80.1	88.5	92.4	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>=900	32.2	80.1	88.5	92.7	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>=800	32.2	80.6	89.0	93.2	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=700	32.2	80.6	89.5	94.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>=600	32.2	80.6	89.5	94.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=500	32.2	80.6	89.5	94.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=400	32.2	80.6	89.5	94.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=300	32.2	80.6	89.5	94.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=200	32.2	80.6	89.5	94.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=100	32.2	80.6	89.5	94.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=0	32.2	80.6	89.5	94.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NO. OF OPS : 382

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA.  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	35.8	78.4	80.5	82.1	83.1	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>=20000	37.4	82.1	84.2	85.7	86.2	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=18000	37.4	82.3	84.4	86.0	87.0	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=16000	37.7	82.9	84.9	86.5	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>=14000	38.7	84.4	86.2	88.6	89.6	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>=12000	39.5	86.0	88.3	90.1	91.2	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
>=10000	39.7	86.5	88.8	90.6	91.7	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=8000	40.0	87.3	89.6	91.4	92.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=7000	40.0	87.3	89.6	91.4	92.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=6000	40.0	87.3	89.6	91.4	92.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=5000	40.0	87.3	89.6	91.4	92.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=4500	40.0	87.3	89.6	91.4	92.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=4000	40.0	87.5	89.9	91.7	93.0	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>=3500	40.0	87.8	90.1	91.9	93.2	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>=3000	40.0	87.8	90.1	91.9	93.2	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>=2500	40.0	88.3	90.6	92.5	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>=2000	40.0	88.8	91.2	93.0	94.3	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>=1800	40.0	88.8	91.2	93.0	94.3	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>=1500	40.0	89.6	91.9	93.8	95.3	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>=1200	40.0	90.4	92.7	94.5	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=1000	40.3	91.2	93.5	95.6	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=900	40.3	91.2	93.8	95.6	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=800	40.3	92.2	94.8	96.9	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=700	40.3	92.2	94.8	96.9	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=600	40.3	92.2	94.8	96.9	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=500	40.3	92.2	94.8	96.9	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=400	40.3	92.2	94.8	96.9	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=300	40.3	92.2	94.8	96.9	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=200	40.3	92.2	94.8	96.9	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=100	40.3	92.2	94.8	96.9	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 0	40.3	92.2	94.8	96.9	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 385



# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	38.3	77.2	79.6	80.5	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>=20000	39.5	80.5	83.0	83.9	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=18000	39.5	80.5	83.0	83.9	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=16000	39.5	80.5	83.0	83.9	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=14000	39.8	81.2	83.6	84.5	85.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
>=12000	41.3	83.3	85.7	86.6	87.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>=10000	42.2	85.4	87.8	88.6	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>= 9000	42.2	85.4	87.8	88.8	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>= 8000	42.2	86.9	89.4	90.3	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>= 7000	42.6	87.2	89.7	90.6	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 6000	42.6	87.2	89.7	90.6	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 5000	42.6	87.2	89.7	90.6	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 4000	42.6	87.5	90.0	90.9	92.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>= 3500	42.6	87.5	90.0	90.9	92.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>= 3000	42.6	88.1	90.6	91.5	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 2500	42.6	88.4	90.9	91.8	93.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>= 2000	42.6	88.8	91.2	92.1	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>= 1800	42.6	88.8	91.2	92.1	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>= 1500	42.6	89.4	91.8	92.7	93.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>= 1200	43.5	90.6	93.0	94.2	95.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 1000	43.5	91.5	93.9	95.1	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 900	43.5	91.5	93.9	95.1	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 800	43.5	91.8	94.5	96.0	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>= 700	43.5	92.1	94.8	96.7	97.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 600	43.5	92.4	95.1	97.3	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 500	43.5	92.4	95.1	97.3	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 400	43.5	92.4	95.1	97.3	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 300	43.5	92.4	95.1	97.3	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	43.5	92.4	95.1	97.3	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	43.5	92.4	95.1	97.3	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	43.5	92.4	95.1	97.3	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS : 329

# C - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 32 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=
UNLIMIT	26.1	78.7	80.9	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=20000	26.1	80.9	83.5	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=18000	26.1	80.9	83.5	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=16000	26.1	80.9	83.5	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=14000	26.1	80.9	83.5	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=12000	26.1	81.4	84.0	86.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>=10000	26.6	84.0	86.7	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=9000	26.6	84.0	86.7	88.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=8000	26.6	85.1	87.8	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=7000	26.6	85.1	87.8	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=6000	26.6	85.1	87.8	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=5000	26.6	85.1	87.8	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=4500	26.6	85.1	87.8	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=4000	26.6	85.1	87.8	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=3500	26.6	85.1	87.8	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>=3000	26.6	85.6	88.3	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>=2500	26.6	85.6	88.3	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>=2000	26.6	87.8	90.4	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1800	26.6	87.8	90.4	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1500	26.6	88.3	91.0	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>=1200	26.6	89.4	92.0	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=1000	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=900	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=800	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=700	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=600	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=500	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=400	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=300	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=200	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=100	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=	26.6	91.0	94.7	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NO. OF OBS : 198

# - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JUL  
 CLASS : ALL WEATHER HOUR : 2200 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=1/4	>=1/8	>=1/16	>=1/32
UNLIMIT	1.7	43.3	46.7	50.0	51.7	53.3	55.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=20000	1.7	45.0	48.3	51.7	53.3	55.0	56.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=18000	1.7	45.0	48.3	51.7	53.3	55.0	56.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=16000	1.7	45.0	48.3	51.7	53.3	55.0	56.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=14000	1.7	45.0	48.3	51.7	53.3	55.0	56.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=12000	1.7	45.0	48.3	51.7	53.3	55.0	56.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=10000	1.7	46.7	50.0	53.3	55.0	56.7	58.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=8000	1.7	46.7	50.0	53.3	55.0	56.7	58.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=6000	1.7	46.7	50.0	53.3	55.0	56.7	58.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=4000	1.7	46.7	50.0	53.3	55.0	56.7	58.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=3500	1.7	46.7	50.0	53.3	55.0	56.7	58.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=3000	1.7	46.7	50.0	53.3	55.0	56.7	58.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=2500	1.7	48.3	51.7	55.0	56.7	58.3	60.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=2000	1.7	55.0	60.0	63.3	65.0	66.7	68.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=1800	1.7	55.0	60.0	63.3	65.0	66.7	68.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=1500	1.7	65.0	71.7	75.0	76.7	78.3	80.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=1200	1.7	71.7	78.3	81.7	83.3	86.7	88.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>=1000	1.7	71.7	78.3	83.3	88.3	91.7	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=900	1.7	71.7	78.3	83.3	88.3	91.7	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=800	1.7	71.7	78.3	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=700	1.7	71.7	78.3	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=600	1.7	71.7	79.2	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=500	1.7	71.7	78.2	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=400	1.7	71.7	78.2	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	1.7	71.7	78.2	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	1.7	71.7	78.2	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	1.7	71.7	78.2	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	1.7	71.7	78.2	83.3	88.3	91.7	95.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS : 60

# 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : JUL  
 HOUR : ALL

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.4	59.1	61.5	62.9	64.1	64.3	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>=2000	25.1	61.1	63.5	64.5	66.2	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=1800	25.1	61.2	63.6	65.0	66.3	66.6	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=1600	25.2	61.3	63.7	65.1	66.4	66.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=1400	25.4	61.7	64.1	65.6	66.8	67.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=1200	26.2	62.3	65.3	66.8	68.1	68.4	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=1000	26.8	64.4	66.9	68.6	69.9	70.2	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>=900	26.9	64.6	67.1	68.7	70.1	70.4	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=800	27.0	65.6	68.1	69.8	71.1	71.4	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=700	27.1	65.8	68.2	69.9	71.3	71.6	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=600	27.1	65.8	68.3	70.0	71.4	71.6	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=500	27.1	65.8	68.3	70.0	71.4	71.6	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=450	27.2	65.8	68.4	70.0	71.4	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=400	27.2	65.8	68.4	70.0	71.4	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=350	27.2	66.1	68.7	70.4	71.9	72.2	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
>=300	27.3	66.7	69.3	71.0	72.5	72.8	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=250	27.4	67.4	70.0	71.8	73.2	73.5	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>=200	27.6	69.0	72.0	73.8	75.3	75.6	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=180	27.6	69.2	72.2	74.1	75.5	75.9	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=150	27.8	72.9	77.0	78.9	81.0	81.5	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>=120	28.0	74.7	79.4	82.4	85.2	85.8	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=100	28.1	75.8	81.0	84.9	88.9	89.8	90.6	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>=90	28.1	75.8	81.2	85.2	89.5	90.6	91.5	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=80	28.1	76.5	82.0	86.3	91.2	92.7	93.9	94.7	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=70	28.1	76.5	82.2	86.7	91.9	93.4	94.8	95.6	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=60	28.1	76.6	82.3	86.8	92.1	93.7	95.1	95.1	95.1	96.2	96.8	97.0	97.1	97.1	97.1	97.1	97.1
>=50	28.1	76.6	82.3	86.8	92.1	93.8	95.5	95.9	97.0	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4
>=40	28.1	76.6	82.3	86.8	92.1	93.8	95.6	97.1	97.3	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9
>=30	28.1	76.6	82.3	86.8	92.1	93.9	95.7	97.4	97.5	98.5	98.8	98.9	99.2	99.2	99.2	99.2	99.2
>=20	28.1	76.6	82.3	86.8	92.1	93.9	95.7	97.4	97.5	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6
>=10	28.1	76.6	82.3	86.8	92.1	93.9	95.7	97.4	97.5	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6
>=0	28.1	76.6	82.3	86.8	92.1	93.9	95.7	97.4	97.5	98.5	98.8	99.2	99.6	99.6	99.6	99.6	100.0

TOTAL NO. OF OBS : 1655

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : AUG  
 CLASS : ALL WEATHER HOUR : 0100 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

16 PT.	1	- 3	4	- 6	7-10	SPEED (KNOTS)										TOTAL	MEAN WIND SPEED
						11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%			
DIR.																	
N	6.8		1.7		.0	.0	.0	.0	.0	.0	.0	.0	8.5		2.0		
NNE	6.8		3.4		.0	.0	.0	.0	.0	.0	.0	.0	10.2		2.7		
NE	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
ENE	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
E	1.7		.0		.0	.0	.0	.0	.0	.0	.0	.0	1.7		2.0		
ESE	.0		1.7		.0	.0	.0	.0	.0	.0	.0	.0	1.7		4.0		
SE	1.7		.0		.0	.0	.0	.0	.0	.0	.0	.0	1.7		3.0		
SSE	5.1		.0		.0	.0	.0	.0	.0	.0	.0	.0	5.1		1.3		
S	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
SSW	.0		1.7		.0	.0	.0	.0	.0	.0	.0	.0	1.7		4.0		
SW	.0		1.7		.0	.0	.0	.0	.0	.0	.0	.0	1.7		4.0		
WSW	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
W	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
WNW	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
NW	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
NNW	1.7		.0		.0	.0	.0	.0	.0	.0	.0	.0	1.7		2.0		
VAR	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
CLM	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	66.1		.0		
ALL	23.7		10.2		.0	.0	.0	.0	.0	.0	.0	.0	100.0		.8		

TOTAL NO. OF OBS : 59

NOTES : # = PERCENT < .05

# 1 - SURFACE WINDS

LO3154 : CAME PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : AUG  
HOUR : 0400 LST

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. L 1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-331 34-401 41-471 48-551 >=561		SPEED (KNOTS)																TOTAL	MEAN
DIR.																		%	SPEED
N	2.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.8
NNE	4.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	2.8
NE	4.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	2.8
ENE	.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
E	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.3
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0
SSW	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
SW	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0
WSW	.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.5
W	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0
WNW	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	72.3	.0
ALL	21.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.8

TOTAL NO. OF OBS : 119

NOTES : \* = PERCENT < .25

# 1 - SURFACE WINDS

001154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 0700 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
>=56																%	WIND
16-21																1	SPEED
DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55							
N	3.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.2	
NNE	2.7	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.1	
NE	1.8	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.2	
ENE	2.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.5	
E	2.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.5	
ESE	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.2	
SE	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.6	
SSE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.9	
S	1.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.3	
SSW	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.2	
SW	1.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.3	
WSW	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.2	
W	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.5	
WNW	.8	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.2	
NW	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.5	
NNW	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.8	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	65.0	.0	
ALL	25.9	8.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.0	

TOTAL NO. OF OBS : 394

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : AUG  
 CLASS : ALL WEATHER HOUR : 1000 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TOTAL NO. OF OBS : 412

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

G03154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : AUG  
 CLASS : ALL WEATHER HOUR : 1300 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIP.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	>56			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	10.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0
SE	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	9.7
SSE	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.0
S	.0	2.7	6.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	9.2	8.1
SSW	.0	3.2	13.6	5.2	.0	.0	.0	.0	.0	.0	.0	.0	20.0	8.8
SW	.7	3.2	17.3	7.3	.2	.0	.0	.0	.0	.0	.0	.0	28.7	9.3
WSW	.2	2.4	12.4	8.5	.0	.0	.0	.0	.0	.0	.0	.0	23.6	9.7
W	.0	1.5	8.0	5.6	.5	.0	.0	.0	.0	.0	.0	.0	15.6	10.1
WNW	.0	.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	1.2	13.4	59.1	25.3	.7	.0	.0	.0	.0	.0	.0	.0	100.0	9.3

TOTAL NO. OF OBS : 411

NOTES :  
 \* = PERCENT  $\times .25$

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56								
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.6	4.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0
SSW	.0	6.4	15.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	7.1
SW	.3	4.9	19.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.2	7.5
WSW	.3	4.0	12.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29.4	8.8
W	.0	3.1	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.4	8.9
WNW	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	8.9
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	2.1	23.0	59.2	14.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.3

TOTAL NO. OF OBS : 326

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 1200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		1	-	3	4	-	6	7-10	11-16	17-21	SPEED (KNOTS)					22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
DIR.																							
N		E																					
NNE		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.5	2.0
NE		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.5	3.0
ENE		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0
E		.0		.5		.0		.0		.0		.0		.0		.0		.0		.0		.5	4.0
ESE		1.6		.0		.0		.0		.0		.0		.0		.0		.0		.0		1.6	2.3
SE		.5		.5		.0		.0		.0		.0		.0		.0		.0		.0		1.1	3.5
SSE		1.6		4.4		.5		.0		.0		.0		.0		.0		.0		.0		6.6	4.1
S		8.2		13.2		.0		.0		.0		.0		.0		.0		.0		.0		21.4	3.7
SSW		13.7		9.3		.0		.0		.0		.0		.0		.0		.0		.0		23.1	3.1
SW		3.6		8.8		1.1		.0		.0		.0		.0		.0		.0		.0		13.7	4.6
WSW		5.5		4.9		1.1		.0		.0		.0		.0		.0		.0		.0		11.5	3.6
W		1.6		2.7		1.6		.0		.0		.0		.0		.0		.0		.0		6.0	4.7
WNW		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0
NW		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0
NNW		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0
VAR		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0
CLM		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		13.2	.0
ALL		37.9		44.5		4.4		.0		.0		.0		.0		.0		.0		.0		100.0	3.2

TOTAL NO. OF OBS : 182

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

CO3154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : AUG  
 CLASS : ALL WEATHER HOUR : 2200 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL		MEAN
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-71	72-79	80-87	88-95	96-103	104-111	%	WIND	
N	10.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	2.2	
NNE	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.5	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0	
SSW	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	3.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	2.3	
WNW	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	2.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67.8	.0	
ALL	27.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.8	

TOTAL NO. OF OBS : 59

NOTES :  
 \* = PERCENT  $\times .05$

# 1 - SURFACE WINDS

001154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : AUG  
 CLASS : ALL WEATHER HOUR : ALL  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	-	3	4	-	6	7-10	11-16	17-21	SPEED (KNOTS)					22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
DIR.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED					
N		1.4		.2		.0		.0		.0		.0		.0		.0		1.6	2.2				
NNE		1.0		.5		.1		.0		.0		.0		.0		.0		1.6	3.4				
NE		.7		.3		.0		.0		.0		.0		.0		.0		1.0	3.1				
ENE		.6		.2		.0		.0		.0		.0		.0		.0		.7	2.6				
E		.9		.2		.0		.0		.0		.0		.0		.0		1.1	2.5				
ESE		.4		.2		.1		.0		.0		.0		.0		.0		.6	3.7				
SE		.5		.2		.0		.0		.0		.0		.0		.0		.8	4.3				
SSE		.6		1.1		.3		.0		.0		.0		.0		.0		2.3	4.0				
S		1.6		4.2		2.4		.3		.0		.0		.0		.0		8.5	5.7				
SSW		2.7		5.4		6.5		1.0		.0		.0		.0		.0		15.5	6.4				
SW		1.4		4.4		9.5		2.3		.1		.0		.0		.0		16.7	7.8				
WSW		1.1		3.4		6.4		2.9		.0		.0		.0		.0		13.8	8.1				
W		.6		2.5		4.1		1.5		.2		.0		.0		.0		9.3	7.8				
WNW		.4		.3		.4		.0		.0		.0		.0		.0		1.0	5.1				
NW		.1		.1		.0		.0		.0		.0		.0		.0		.2	3.0				
NNW		.5		.2		.0		.0		.0		.0		.0		.0		.7	2.7				
VAR		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0				
CLM		.0		.0		.0		.0		.0		.0		.0		.0		24.8	.0				
ALL		14.9		23.2		28.8		8.0		.3		.0		.0		.0		100.0	5.0				

TOTAL NO. OF OPS : 1962

NOTES :  
 \* = PERCENT < .05

# 2 - CLILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	.0	18.6	23.7	28.8	30.5	30.5	32.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6
>=2000	.0	20.3	25.4	30.5	32.2	32.2	33.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3
>=1800	.0	20.3	25.4	30.5	32.2	32.2	33.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3
>=1600	.0	20.3	25.4	30.5	32.2	32.2	33.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3
>=1400	.0	20.3	25.4	30.5	32.2	32.2	33.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3
>=1200	.0	20.3	25.4	30.5	32.2	32.2	33.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3
>=1000	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=900	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=800	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=700	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=600	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=500	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=400	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=300	.0	25.4	30.5	37.3	39.0	39.0	40.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=200	.0	27.1	32.2	39.0	40.7	40.7	42.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8
>=1800	.0	28.8	33.9	40.7	42.4	42.4	44.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5
>=1500	.0	45.8	52.5	59.3	61.0	61.0	62.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>=1200	.0	49.2	55.9	62.7	64.4	64.4	66.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>=1000	.0	52.5	62.7	74.6	84.7	84.7	91.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=900	.0	52.5	62.7	76.3	86.4	86.4	93.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>=800	.0	52.5	62.7	76.3	88.1	88.1	94.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=700	.0	52.5	62.7	76.3	88.1	88.1	94.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=600	.0	52.5	62.7	76.3	88.1	88.1	94.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=500	.0	54.2	64.4	78.0	89.8	89.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=400	.0	54.2	64.4	78.0	89.8	89.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	.0	54.2	64.4	78.0	89.8	89.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	.0	54.2	64.4	78.0	89.8	89.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	.0	54.2	64.4	78.0	89.8	89.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	.0	54.2	64.4	78.0	89.8	89.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS : 59

# C - CEILING VS VISIBILITY

R

Q3154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=1/2	>=5/16	>=1/4	>=5
UNLIMIT	4.2	24.4	26.1	26.1	28.6	29.4	31.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
>=20000	4.2	25.2	26.9	26.9	29.4	30.3	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
>=18000	4.2	25.2	26.9	26.9	29.4	30.3	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
>=16000	4.2	25.2	26.9	26.9	29.4	30.3	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
>=14000	4.2	25.2	26.9	26.9	29.4	30.3	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
>=12000	4.2	25.2	26.9	26.9	29.4	30.3	31.9	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
>=10000	4.2	26.1	27.7	28.6	31.1	31.9	33.6	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
>=9000	4.2	26.1	27.7	28.6	31.1	31.9	33.6	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
>=8000	4.2	26.9	28.6	29.4	31.9	32.8	34.5	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
>=7000	4.2	26.9	28.6	29.4	31.9	32.8	34.5	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
>=6000	4.2	27.7	29.4	30.3	32.8	33.6	35.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
>=5000	4.2	27.7	29.4	30.3	32.8	33.6	35.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
>=4500	4.2	27.7	29.4	30.3	32.8	33.6	35.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
>=4000	4.2	27.7	29.4	30.3	32.8	33.6	35.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
>=3500	4.2	27.7	29.4	30.3	32.8	33.6	35.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
>=3000	4.2	27.7	29.4	30.3	32.8	33.6	35.3	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
>=2500	4.2	28.6	30.3	31.1	33.6	34.5	36.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
>=2000	4.2	28.6	30.3	31.1	33.6	34.5	36.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
>=1800	4.2	28.6	30.3	31.1	33.6	34.5	36.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
>=1500	4.2	41.2	44.5	46.2	48.7	49.6	51.3	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=1200	4.2	42.0	46.2	48.7	52.1	52.9	55.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=1000	4.2	42.9	53.8	60.5	68.1	71.6	74.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>=900	4.2	42.9	53.8	61.3	69.7	73.1	77.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>=800	4.2	42.9	53.8	61.3	71.4	76.2	84.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
>=700	4.2	42.9	53.8	61.3	71.4	80.7	87.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=600	4.2	42.9	53.8	61.3	71.4	80.7	88.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=500	4.2	42.9	53.8	61.3	71.4	81.5	89.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=400	4.2	42.9	53.8	61.3	72.3	82.4	89.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=300	4.2	42.9	53.8	61.3	72.3	82.4	89.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=200	4.2	42.9	53.8	61.3	72.3	82.4	89.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=100	4.2	42.9	53.8	61.3	72.3	82.4	89.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=50	4.2	42.9	53.8	61.3	72.3	82.4	89.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4

TOTAL NO. OF OPS : 119

## 2 - CEILING VS VISIBILITY

G03154 : CAME PENDELTON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	11.5	23.2	24.0	24.5	26.5	26.5	27.0	27.3	27.3	27.8	27.8	27.8	27.8	27.8	28.1	28.1	
>=2000	11.5	23.2	24.0	24.5	26.5	26.5	27.3	27.6	27.6	28.1	28.1	28.1	28.1	28.1	28.3	28.3	
>=1800	11.5	23.5	24.2	24.7	26.8	26.8	27.3	27.6	27.6	28.3	28.3	28.3	28.3	28.3	28.6	28.6	
>=1600	11.5	23.5	24.2	24.7	26.8	26.8	27.3	27.6	27.6	28.3	28.3	28.3	28.3	28.3	28.6	28.6	
>=1400	11.7	23.7	24.5	25.0	27.0	27.0	27.5	27.8	28.1	28.6	28.6	28.6	28.6	28.6	28.8	28.8	
>=1200	12.2	24.5	25.3	25.8	27.8	27.8	28.6	28.8	28.8	29.3	29.3	29.3	29.3	29.3	29.6	29.6	
>=1000	12.2	25.5	26.3	27.0	29.3	29.3	30.1	30.4	30.4	30.9	30.9	30.9	30.9	30.9	31.1	31.1	
>=900	12.2	25.8	26.5	27.3	29.6	29.6	30.4	30.6	30.6	31.1	31.1	31.1	31.1	31.1	31.4	31.4	
>=800	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=700	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=600	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=500	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=400	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=300	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=200	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=100	13.0	26.8	27.8	28.6	30.9	30.9	31.6	31.9	31.9	32.4	32.4	32.4	32.4	32.4	32.7	32.7	
>=2500	13.8	29.1	30.4	31.4	33.7	33.7	34.4	34.7	34.7	35.2	35.2	35.2	35.2	35.2	35.5	35.5	
>=2000	14.0	30.9	32.7	33.9	36.2	36.2	37.0	37.2	37.2	37.8	37.8	37.8	37.8	37.8	38.0	38.0	
>=1800	14.3	31.9	33.9	35.5	37.8	37.8	38.5	38.8	38.8	39.3	39.3	39.3	39.3	39.3	39.5	39.5	
>=1500	14.5	33.8	35.4	37.0	39.3	39.3	40.2	40.5	40.5	41.0	41.0	41.0	41.0	41.0	41.3	41.3	
>=1200	14.5	35.6	37.2	38.8	41.0	41.0	42.0	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42.9	42.9	
>=1000	14.5	37.2	38.8	40.4	42.6	42.6	43.6	43.9	43.9	44.6	44.6	44.6	44.6	44.6	44.9	44.9	
>=900	14.5	38.8	40.4	42.0	44.2	44.2	45.2	45.5	45.5	46.2	46.2	46.2	46.2	46.2	46.5	46.5	
>=800	14.5	40.4	42.0	43.6	45.8	45.8	46.8	47.1	47.1	47.8	47.8	47.8	47.8	47.8	48.1	48.1	
>=700	14.5	42.0	43.6	45.2	47.4	47.4	48.4	48.7	48.7	49.4	49.4	49.4	49.4	49.4	49.7	49.7	
>=600	14.5	43.6	45.2	46.8	49.0	49.0	50.0	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.3	51.3	
>=500	14.5	45.2	46.8	48.4	50.6	50.6	51.6	51.9	51.9	52.6	52.6	52.6	52.6	52.6	52.9	52.9	
>=400	14.5	46.8	48.4	50.0	52.2	52.2	53.2	53.5	53.5	54.2	54.2	54.2	54.2	54.2	54.5	54.5	
>=300	14.5	48.4	50.0	51.6	53.8	53.8	54.8	55.1	55.1	55.8	55.8	55.8	55.8	55.8	56.1	56.1	
>=200	14.5	50.0	51.6	53.2	55.4	55.4	56.4	56.7	56.7	57.4	57.4	57.4	57.4	57.4	57.7	57.7	
>=100	14.5	51.6	53.2	54.8	57.0	57.0	58.0	58.3	58.3	59.0	59.0	59.0	59.0	59.0	59.3	59.3	

TOTAL NO. OF OBS : 392



# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 32 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		>=10	>=6	>=5	>=4	>=3	>=2	VISIBILITY (STATUTE MILES)										>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.0	71.0	74.7	77.9	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9			
>=2000	25.0	72.0	75.7	78.9	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8			
>=1800	29.0	72.2	75.9	79.1	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1			
>=1600	25.0	72.2	75.9	79.1	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1			
>=1400	29.5	72.7	76.4	79.6	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6			
>=1200	29.5	73.5	77.1	80.3	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3			
>=1000	29.5	74.4	78.1	81.6	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5			
>=800	29.5	74.4	78.1	81.6	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5			
>=600	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=400	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=200	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=100	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=50	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=25	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=12.5	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=6.25	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=3.125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=1.5625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.78125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.390625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.1953125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.09765625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.048828125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0244140625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.01220703125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.006103515625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0030517578125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00152587890625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000762939453125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0003814697265625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00019073486328125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000095367431640625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0000476837158203125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00002384185791015625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000011920928955078125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0000059604644775390625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00000298023223876953125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000001490116119384765625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0000007450580596923828125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00000037252902984619140625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000000186264514923095703125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0000000931322574615478515625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00000004656612873077392578125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000000023283064365386962890625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0000000116415321826934814453125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00000000582076609134674072265625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000000002910383045673370361328125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0000000014551915228366851806640625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.00000000072759576141834259033203125	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.000000000363797880709171295166015625	29.7	75.4	79.1	82.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5			
>=0.0000000001818989403545856475830078125	29.7	75.4	79.1	82.6	84.0	84.5</																		

LAT. : 32 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : AUG  
HOUR : 1300 LST

Q03154 : CAMP PENDLETON. CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NO. OF ORS : 407

# C - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 32 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1 1/2	>=1	1/4	>=1/4	>=5/16	>=1/2	>=5/8	>=1
UNLIMIT	35.5	79.4	82.2	84.4	85.4	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=2000	35.5	80.4	83.8	86.0	86.9	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=1000	35.5	80.7	84.1	86.3	87.2	87.2	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=1600	35.5	80.7	84.1	86.3	87.2	87.2	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=1400	36.1	81.3	84.7	86.9	87.9	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=1200	36.4	81.6	85.0	87.2	88.2	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>=1000	36.4	82.2	86.3	88.5	89.4	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>=900	36.8	82.6	86.6	88.8	89.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>=800	37.4	83.5	87.9	90.0	91.0	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=700	37.4	83.5	87.9	90.0	91.0	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=600	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=500	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=400	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=300	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=250	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=200	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=180	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=160	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=140	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=120	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=100	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=80	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=60	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=40	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=20	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=10	38.0	84.1	88.5	90.7	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

TOTAL NO. OF OBS : 321

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.7	71.3	75.7	79.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>=2000	23.2	74.0	78.5	82.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>=1800	23.2	74.6	79.0	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=1600	23.2	74.6	79.0	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=1400	23.8	75.1	79.6	83.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>=1200	23.8	75.1	79.6	83.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>=1000	24.3	76.2	81.2	85.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 900	24.3	76.2	81.2	85.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 800	24.3	76.8	82.3	86.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
>= 700	24.3	76.8	82.3	86.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
>= 600	24.9	77.3	82.9	87.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
>= 500	24.9	77.3	82.9	87.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
>= 4500	24.9	77.3	82.9	87.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
>= 4000	24.9	77.3	82.9	87.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
>= 3500	24.9	77.3	82.9	87.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
>= 3000	24.9	77.9	83.4	87.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 2500	24.9	78.5	84.0	88.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>= 2000	24.9	79.0	85.1	89.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>= 1800	24.9	79.0	85.1	90.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>= 1500	24.9	80.7	86.7	91.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 1200	25.4	82.3	89.0	93.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 1000	25.4	83.4	91.2	96.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 900	25.4	83.4	91.2	96.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 800	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 700	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 600	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 500	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 400	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 300	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	25.4	83.4	91.2	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 181

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	.0	49.2	55.9	61.0	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=20000	.0	49.2	55.9	61.0	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=18000	.0	49.2	55.9	61.0	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=16000	.0	49.2	55.9	61.0	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=14000	.0	49.2	55.9	61.0	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=12000	.0	49.2	55.9	61.0	66.1	66.1	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=10000	.0	52.5	59.3	64.4	69.5	69.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=9000	.0	52.5	59.3	64.4	69.5	69.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=8000	.0	52.5	59.3	64.4	69.5	69.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=7000	.0	54.2	61.0	66.1	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=6000	.0	54.2	61.0	66.1	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=5000	.0	54.2	61.0	66.1	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=4500	.0	54.2	61.0	66.1	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=4000	.0	54.2	61.0	66.1	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=3500	.0	54.2	61.0	66.1	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=3000	.0	54.2	61.0	66.1	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=2500	.0	57.6	64.4	69.5	74.6	74.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=2000	.0	57.6	64.4	69.5	74.6	74.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=1800	.0	57.6	64.4	69.5	74.6	74.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=1600	.0	66.1	74.6	79.7	84.7	84.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>=1400	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=1200	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=1000	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=800	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=700	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=600	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=500	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=400	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=300	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=200	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=100	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=	.0	67.8	78.0	84.7	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NO. OF OPS : 59

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : AUG  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.5	59.4	62.3	64.8	66.7	66.9	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7
>=2000	24.7	60.4	63.4	65.9	67.8	68.1	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
>=1800	24.7	60.6	63.7	66.2	68.0	68.3	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1
>=1600	24.7	60.6	63.7	66.2	68.0	68.3	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1
>=1400	25.1	61.0	64.1	66.6	68.4	68.7	69.1	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
>=1200	25.2	61.4	64.4	66.9	68.8	69.1	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9
>=1000	25.3	62.6	65.8	68.5	70.5	70.8	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6
>=900	25.4	62.7	65.9	68.6	70.6	70.9	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7
>=800	25.9	63.5	66.9	69.6	71.6	71.9	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7
>=700	25.9	63.6	66.9	69.6	71.8	72.1	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9
>=600	26.0	63.9	67.2	70.1	72.1	72.4	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2
>=500	26.0	63.9	67.2	70.2	72.2	72.5	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3
>=450	26.0	63.9	67.2	70.2	72.2	72.5	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3
>=400	26.2	64.3	67.7	70.6	72.6	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7
>=350	26.2	64.4	67.8	70.7	72.7	73.0	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8
>=300	26.3	64.8	68.1	71.1	73.1	73.4	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
>=250	26.5	65.5	68.9	71.8	73.8	74.1	74.5	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
>=200	26.7	66.3	69.6	72.9	74.9	75.2	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.0
>=180	26.7	66.5	70.2	73.3	75.4	75.7	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5
>=150	26.8	70.6	74.9	78.4	80.5	80.8	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
>=120	26.9	72.0	76.8	80.8	83.5	83.8	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8
>=100	26.9	73.0	78.9	84.5	88.9	89.4	90.5	90.9	90.9	91.2	91.2	91.2	91.2	91.3	91.3
>=90	27.0	73.2	79.3	85.2	90.1	90.9	92.1	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9
>=80	27.0	73.6	79.9	86.0	91.2	92.5	94.0	94.5	94.5	95.0	95.0	95.0	95.0	95.1	95.1
>=70	27.0	73.7	80.1	86.4	91.6	93.1	94.7	95.3	95.3	95.9	95.9	95.9	95.9	96.0	96.0
>=60	27.0	73.8	80.5	86.9	92.2	94.0	95.8	96.5	96.5	97.1	97.2	97.2	97.2	97.3	97.3
>=50	27.0	73.9	80.6	87.1	92.5	94.5	96.3	97.3	97.3	98.0	98.1	98.2	98.5	98.6	98.6
>=40	27.0	73.9	80.6	87.1	92.5	94.6	96.5	97.5	97.5	98.5	98.6	98.7	99.0	99.2	99.2
>=30	27.0	73.9	80.6	87.1	92.5	94.6	96.5	97.5	97.6	98.9	99.0	99.4	99.4	99.5	99.5
>=20	27.0	73.9	80.6	87.1	92.5	94.6	96.5	97.5	97.6	99.1	99.1	99.5	99.5	99.8	99.9
>=10	27.0	73.9	80.6	87.1	92.5	94.6	96.5	97.5	97.6	99.1	99.1	99.5	99.5	99.8	99.9
>=0	27.0	73.9	80.6	87.1	92.5	94.6	96.5	97.5	97.6	99.1	99.1	99.5	99.5	99.9	100.0

TOTAL NO. OF OPS : 1945

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	1	1	1	1	1	1
N	3.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	2.3
NNE	3.5	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	3.2
NE	4.7	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	3.3
ENE	2.3	2.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	4.8
E	.0	4.7	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.2
ESE	2.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.0
SE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0
SSE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
S	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.5
SSW	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.0
SW	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.0
WSW	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
W	1.2	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	1.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	47.7	.0
ALL	23.3	25.6	2.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.9

TOTAL NO. OF OBS : 86

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 10' N LONG. : 117 21' W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)											TOTAL	MEAN
16-PI-1		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND
DIR.	1	1	1	1	1	1	1	1	1	1	1	1	1	SPEED
N	7.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	2.1
NNE	6.7	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	2.5
NE	4.5	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	3.1
ENE	4.5	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	3.0
E	4.5	3.4	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	4.7
ESE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.7
SE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0
SSE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.7
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0
WNW	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.0
NW	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	1.5
NNW	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.5
VAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40.4	.0
ALL	40.4	16.9	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.8

TOTAL NO. OF OBS : 89

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

GO3154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN
DIR.		1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND				
																		SPEED		
N	2.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.8			
NNE	4.4	2.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	3.3			
NE	4.1	3.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	3.2			
ENE	3.6	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	3.0			
E	1.6	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.6			
ESE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.7			
SE	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.5			
SSE	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0			
S	1.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.9			
SSW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0			
SW	1.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.3			
WSW	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0			
W	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.8			
WNW	.3	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0			
NW	.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.2			
NNW	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.8			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	56.6	.0			
ALL	26.0	14.8	2.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.5			

TOTAL NO. OF OBS : 366

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%		WIND	
DIR.																SPED	
N	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	5.0	
NNE	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	3.5	
NE	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	4.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	3.7	
ESE	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	5.7	
SE	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	3.5	
SSE	1.8	1.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	.0	4.8	
S	6.2	7.8	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.8	.0	4.2	
SSW	4.4	8.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5	.0	5.1	
SW	2.8	6.7	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.7	.0	5.5	
WSW	2.8	8.8	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5	.0	5.5	
W	1.6	4.7	4.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	.0	6.1	
WNW	.7	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	5.6	
NW	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	2.0	
NNW	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	3.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5	.0	.0	
ALL	22.7	38.8	21.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.0	4.3	

TOTAL NO. OF OBS : 387

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-6	7-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80		
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
SE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
S	1.6	2.9	7.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0
SSW	.2	2.6	11.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	7.2
SW	.0	2.6	11.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.9	8.4
WSW	.8	3.1	16.7	5.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.1	9.3
W	.0	2.9	9.1	6.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.4	9.6
WNW	.0	.0	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.3	9.5
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	11.3
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	16.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	2.6	14.9	59.0	20.9	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.8

TOTAL NO. OF OBS : 383

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA R LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : SEP  
 CLASS : ALL WEATHER HOUR : 1600 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
>=56																%	WIND
>=56																%	SPEED
16 PI.	1	1	3	4	6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55				
DIP.																	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	
SSE	.0	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.8	
S	.0	.0	5.5	.0	6.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	13.0	7.3	
SSW	.0	.0	7.5	.0	10.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	19.2	7.3	
SW	.0	.0	4.6	.0	12.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	18.2	8.1	
WSW	.0	.0	4.2	.0	17.9	.0	3.3	.0	.0	.0	.0	.0	.0	.0	25.7	8.7	
W	.0	.0	3.6	.0	10.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	17.6	8.6	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ALL	1.6	27.7	58.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.9	

TOTAL NO. OF OBS : 307

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA P LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : SEP  
 CLASS : ALL WEATHER HOUR : 1900 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 DT. 1 1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-731 34-401 41-471 48-551 >=501		SPEED (KNOTS)																TOTAL	MEAN
DIR. 1 1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-731 34-401 41-471 48-551 >=501		SPEED																%	SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.5	
NE	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.0	
ENE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0	
E	1.1	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.5	
ESE	2.8	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	3.1	
SE	3.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	2.4	
SSE	4.5	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	2.8	
S	5.6	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	3.5	
SSW	6.7	3.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	3.3	
SW	4.5	4.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	3.7	
WSW	7.3	5.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	3.8	
W	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.5	
WNW	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.0	
NW	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0	
NNW	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.8	.0	
ALL	40.2	29.6	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.5	

TOTAL NO. OF CES : 179

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAME PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18'N LONG. : 117 21'W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	4.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	4.5	2.0
NNE	3.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	4.5	2.5
NE	4.5	6.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.4	3.3
ENE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.4	4.3
E	1.1	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	4.5	5.0
ESE	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	1.0
SE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.4	4.7
SSE	1.1	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.4	4.0
S	3.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.4	2.3
SSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.0
SW	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.4	3.3
WSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.4	5.0
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
VAR	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
CLM	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ALL	27.3	18.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	100.0	1.7

TOTAL NO. OF OLS : 68

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN WIND SPEED		
16 PT. 1.1 - 31	4	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	#							
DIC.																			
N	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.5	
NNE	1.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.2	
NE	1.5	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.3	
ENE	1.1	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.5	
E	.8	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.6	
ESE	.8	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.6	
SE	.8	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.7	
SSE	1.2	1.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.5	
S	2.7	3.9	3.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	5.5	
SSW	1.9	3.9	4.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	6.4	
SW	1.3	3.2	5.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	7.3	
WSW	1.5	3.8	7.3	1.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.6	7.8	
W	.8	2.4	4.4	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	7.9	
WNW	.2	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.4	
NW	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.9	
NNW	.7	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.8	.0	
ALL	18.6	24.0	27.1	6.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.7	

TOTAL NO. OF CFS : 1685

NOTES : # = PERCENT < .05

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : SEP  
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=9/16	>=1/4	>=0
UNLIMIT	5.8	27.9	27.9	31.4	36.0	36.0	37.2	38.4	38.4	38.4	38.4	38.4	38.4	39.4	39.5
>=20000	5.8	29.1	29.1	32.6	37.2	37.2	37.2	38.4	39.5	39.5	39.5	39.5	39.5	39.5	40.7
>=15000	5.8	29.1	29.1	32.6	37.2	37.2	37.2	38.4	39.5	39.5	39.5	39.5	39.5	39.5	40.7
>=10000	5.8	29.1	29.1	32.6	37.2	37.2	37.2	38.4	39.5	39.5	39.5	39.5	39.5	39.5	40.7
>=8000	5.8	29.1	29.1	32.6	37.2	37.2	37.2	38.4	39.5	39.5	39.5	39.5	39.5	39.5	40.7
>=6000	5.8	29.1	29.1	32.6	37.2	37.2	37.2	38.4	39.5	39.5	39.5	39.5	39.5	39.5	40.7
>=4000	5.8	29.1	29.1	32.6	37.2	37.2	37.2	38.4	39.5	39.5	39.5	39.5	39.5	39.5	40.7
>=3000	5.8	29.1	29.1	32.6	37.2	37.2	37.2	38.4	39.5	39.5	39.5	39.5	39.5	39.5	40.7
>=2500	5.8	30.2	30.2	34.9	39.5	39.5	39.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.9
>=2000	5.8	34.9	34.9	39.5	44.2	44.2	44.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.7
>=1800	5.8	34.9	34.9	39.5	44.2	44.2	44.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.7
>=1500	5.8	43.0	44.2	48.8	53.5	53.5	54.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	57.0
>=1200	7.0	47.7	52.3	61.6	67.4	67.4	69.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	72.1
>=1000	7.0	51.2	60.5	70.9	79.1	82.6	84.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	88.4
>= 900	7.0	51.2	61.6	72.1	80.2	83.7	86.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.5
>= 800	7.0	51.2	61.6	73.3	82.6	86.0	88.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	93.0
>= 700	7.0	51.2	61.6	73.3	83.7	87.2	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	94.2
>= 600	7.0	51.2	62.8	74.4	84.9	88.4	91.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	96.5
>= 500	7.0	51.2	62.8	74.4	84.9	88.4	93.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	97.7
>= 400	7.0	51.2	62.8	74.4	84.9	88.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	98.8
>= 300	7.0	51.2	62.8	74.4	84.9	88.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	98.8
>= 200	7.0	51.2	62.8	74.4	84.9	88.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	98.8
>= 100	7.0	51.2	62.8	74.4	84.9	88.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	98.8
>= 0	7.0	51.2	62.8	74.4	84.9	88.4	94.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	98.8

TOTAL NO. OF OPS : 96



# C - CEILING VS VISIBILITY

03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	5.6	27.0	27.0	29.2	21.5	71.5	33.7	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0
>=25000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=13000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=11000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=10000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=9000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=8000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=7000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=6000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=5000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=4000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=3000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=2000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=1500	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=1000	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=900	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=800	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=700	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=600	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=500	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=400	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=300	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=200	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=100	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
>=0	5.6	27.0	27.0	29.2	21.5	31.5	33.7	33.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0

TOTAL NO. OF OBS : 89

# CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=17	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	13.2	29.9	31.0	31.6	32.4	32.7	33.2	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	34.1
>=2000	13.5	31.0	32.1	32.7	33.5	33.8	34.6	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4
>=1800	13.5	31.0	32.1	32.7	33.5	33.8	34.6	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4
>=1600	13.5	31.0	32.1	32.7	33.5	33.8	34.6	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4
>=1400	13.5	31.0	32.1	32.7	33.5	33.8	34.6	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4
>=1200	13.5	31.6	32.7	33.2	34.1	34.3	35.2	35.2	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	36.0
>=1000	13.7	33.0	34.1	34.6	35.7	36.1	36.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6
>= 900	13.7	33.2	34.3	34.9	36.0	36.3	37.1	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.9
>= 800	14.0	34.6	35.7	36.5	37.6	37.9	38.7	39.0	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8
>= 700	14.3	34.9	36.0	36.8	37.9	38.2	39.0	39.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.1
>= 600	14.6	35.4	36.5	37.4	38.5	38.7	39.8	40.1	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9
>= 500	14.8	36.0	37.1	37.9	39.0	39.3	40.7	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.5
>= 4500	14.8	36.3	37.4	38.2	39.3	39.6	40.7	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.8
>= 4000	15.1	37.1	38.2	39.0	40.1	40.4	41.5	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.6
>= 3500	15.1	39.0	40.1	40.9	42.0	42.3	43.4	43.7	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.5
>= 3000	15.7	42.0	43.1	44.2	45.7	45.6	46.7	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.8
>= 2500	16.5	44.8	46.2	47.3	48.4	48.6	49.7	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.8
>= 2000	16.8	48.4	49.7	51.1	52.2	52.3	53.6	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7
>= 1800	16.8	49.2	50.5	51.9	53.0	53.3	54.4	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.5
>= 1500	16.8	53.3	56.6	58.8	61.0	61.5	62.6	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7
>= 1200	16.8	56.3	59.6	64.0	67.0	68.1	69.5	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9
>= 1000	17.0	56.9	61.0	65.9	70.6	73.4	76.4	77.2	77.7	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.3
>= 900	17.0	57.1	61.6	67.0	72.0	75.1	79.1	79.9	80.5	80.5	80.5	80.5	80.5	80.5	81.0	81.0	81.0	81.3
>= 800	17.0	57.1	61.6	67.6	72.8	76.1	81.0	82.4	83.0	83.0	83.0	83.0	83.0	83.0	84.1	84.1	84.1	84.3
>= 700	17.0	57.4	62.1	68.4	73.0	77.7	83.0	84.6	85.4	86.0	86.0	86.0	86.0	86.0	86.5	86.5	86.5	86.8
>= 600	17.0	57.4	62.1	68.4	73.9	77.7	84.1	86.0	86.8	87.6	87.6	87.6	87.6	87.6	88.2	88.2	88.2	88.7
>= 500	17.0	57.4	62.1	68.4	74.2	78.3	85.4	87.6	88.7	90.7	90.7	91.2	91.2	91.2	92.0	92.0	92.0	92.6
>= 400	17.0	57.4	62.1	68.4	74.5	78.3	85.7	88.5	89.6	92.3	92.3	92.9	92.9	92.9	94.2	94.2	94.2	95.3
>= 300	17.0	57.4	62.1	68.4	74.5	78.3	85.7	88.7	90.1	93.4	93.4	94.5	94.5	94.5	96.4	96.4	96.4	98.4
>= 200	17.0	57.4	62.1	68.4	74.5	78.3	85.7	88.7	90.1	93.7	93.7	94.8	94.8	94.8	97.0	97.0	97.0	99.2
>= 100	17.0	57.4	62.1	68.4	74.5	78.3	85.7	88.7	90.1	93.7	93.7	94.8	94.8	94.8	97.3	97.3	97.3	100.0
>= 0	17.0	57.4	62.1	68.4	74.5	78.3	85.7	88.7	90.1	93.7	93.7	94.8	94.8	94.8	97.3	97.3	97.3	100.0

TOTAL NO. OF OBS : 364

# C - CEILING VS VISIBILITY

R

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 1000 LST

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.0	55.3	57.7	60.5	61.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=20000	27.0	57.4	59.7	62.6	63.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=18000	27.0	57.4	59.7	62.6	63.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=16000	27.0	57.4	59.7	62.6	63.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=14000	27.8	58.2	60.5	63.4	64.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>=12000	28.1	59.2	61.6	64.4	65.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
>=10000	28.1	60.8	63.4	66.2	67.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=9000	28.4	61.0	63.6	66.5	67.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>=8000	30.1	62.9	65.7	68.6	69.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>=7000	30.4	63.1	66.0	68.8	69.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>=6000	30.6	63.4	66.2	69.1	69.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=5000	30.6	64.2	67.0	69.9	70.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=4500	30.6	64.2	67.0	69.9	70.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=4000	30.6	65.2	68.1	70.9	71.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
>=3500	30.9	67.0	69.9	72.7	73.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=3000	31.2	70.4	73.2	76.1	76.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>=2500	32.5	73.0	75.8	78.7	79.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
>=2000	33.2	77.1	80.0	82.9	83.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>=1800	33.2	77.1	80.0	82.9	83.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>=1500	33.8	79.0	82.1	85.5	86.5	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
>=1200	33.3	80.5	84.4	89.1	91.2	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>=1000	33.9	80.8	85.5	91.4	95.3	96.6	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>=900	33.8	80.6	85.5	91.7	95.6	97.1	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=800	33.8	81.0	85.7	92.2	96.6	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=700	33.8	81.0	86.0	92.5	97.1	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=600	33.8	81.0	86.0	92.5	97.1	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=500	33.8	81.0	86.0	92.5	97.1	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=400	33.8	81.0	86.0	92.5	97.1	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	33.9	81.0	86.0	92.5	97.1	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	33.8	81.0	86.0	92.5	97.1	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	33.8	81.0	86.0	92.5	97.1	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	33.8	81.0	86.0	92.5	97.1	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS : 395

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 1300 LST

R

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	36.1	68.7	71.4	73.5	75.1	75.3	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=20000	36.3	71.1	73.7	75.9	77.7	78.3	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=18000	36.6	71.4	74.0	76.1	78.0	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>=16000	36.6	71.6	74.3	76.4	78.2	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>=14000	36.9	71.9	74.5	76.7	78.5	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>=12000	37.1	72.7	75.2	77.5	79.3	79.6	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>=10000	37.4	73.7	76.4	78.5	80.4	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=8000	37.4	73.7	76.4	78.5	80.4	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=6000	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=4000	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=3000	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=2500	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=2000	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=1800	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=1500	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=1200	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=1000	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=900	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=800	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=700	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=600	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=500	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=400	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=300	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=200	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=100	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=0	37.9	75.6	78.2	80.4	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3

TOTAL NO. OF OBS : 377

# 2 - CEILING VS VISIBILITY

R

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 32 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	30.3	65.8	69.4	73.0	74.7	74.7	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>=2000	30.3	67.8	71.7	75.3	77.0	77.0	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
>=1800	30.3	67.8	71.7	75.3	77.0	77.0	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
>=1600	30.3	68.1	72.0	75.7	77.3	77.3	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=1400	30.3	68.4	72.4	76.0	77.6	77.6	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
>=1200	30.3	69.7	73.7	77.3	78.9	78.9	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>=1000	30.3	70.1	74.0	77.6	79.3	79.3	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
>=900	30.3	70.7	75.0	78.6	80.6	80.6	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=800	30.3	70.7	75.0	78.6	80.6	80.6	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=700	30.3	70.7	75.0	78.6	80.6	80.6	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=600	30.3	71.4	75.7	79.3	81.3	81.3	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>=500	30.3	71.4	75.7	79.3	81.3	81.3	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>=400	30.3	71.7	76.0	79.6	81.6	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>=350	30.6	74.3	78.6	82.2	84.2	84.2	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>=300	30.9	76.0	80.3	83.9	85.9	85.9	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>=250	30.9	77.0	81.3	84.9	86.8	86.8	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=200	31.6	78.6	82.9	86.5	88.5	88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>=180	31.6	78.6	82.9	86.5	88.5	88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>=150	32.6	81.3	85.5	89.3	92.1	92.1	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>=120	32.9	82.9	87.2	92.1	94.4	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>=100	32.9	84.2	88.5	93.8	96.7	96.7	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>=90	32.9	84.5	89.1	94.4	97.4	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>=80	32.9	84.9	89.8	95.7	98.7	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=70	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=60	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=50	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=40	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=30	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=20	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=10	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	32.9	84.9	89.8	95.7	98.7	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 304

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.5	60.3	62.7	66.5	67.2	67.0	68.2	63.2	66.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>=2000	14.5	61.5	64.8	67.6	68.2	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=1800	14.5	61.5	64.8	67.6	68.2	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=1600	14.5	61.5	64.8	67.6	68.2	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=1400	14.5	62.0	65.4	68.2	68.7	68.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=1200	14.5	62.0	65.4	68.7	69.3	69.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=1000	14.5	63.7	67.0	70.4	70.9	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>= 900	14.5	63.7	67.0	70.4	70.9	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>= 800	15.1	65.4	68.7	72.1	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 700	15.1	65.4	68.7	72.1	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 600	15.1	65.4	68.7	72.1	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 500	15.1	65.4	68.7	72.1	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 400	15.1	65.4	68.7	72.1	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 300	15.1	65.4	68.7	72.1	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 200	15.6	70.9	74.3	77.7	78.2	78.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 1800	15.6	72.6	76.0	79.3	79.9	79.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>= 1500	16.2	76.0	79.3	82.2	83.8	83.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>= 1200	16.8	77.7	82.7	86.6	87.7	87.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>= 1000	16.8	79.9	86.6	90.5	92.2	93.3	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>= 900	16.8	79.9	86.6	90.5	92.2	93.3	96.1	96.1	96.1	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2
>= 800	16.8	80.4	87.2	91.1	92.7	94.4	97.2	97.2	97.2	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3
>= 700	16.8	80.4	87.2	91.1	92.7	94.4	97.2	97.2	97.2	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3
>= 600	16.8	80.4	87.2	91.1	93.3	95.5	98.3	98.3	98.3	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
>= 500	16.8	80.4	87.2	91.1	93.3	95.5	98.3	98.3	98.3	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
>= 400	16.8	80.4	87.2	91.6	93.9	96.1	98.9	98.9	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
>= 300	16.8	80.4	87.2	91.6	93.9	96.1	98.9	98.9	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	16.8	80.4	87.2	91.6	93.9	96.1	98.9	98.9	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	16.8	80.4	87.2	91.6	93.9	96.1	98.9	98.9	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	16.8	80.4	87.2	91.6	93.9	96.1	98.9	98.9	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS : 179

# 2 - CLIMING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 32 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=2000	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1900	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1800	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1700	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1600	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1500	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1400	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1300	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1200	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1100	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=1000	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=900	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=800	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=700	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=600	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=500	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=400	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=300	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=200	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=100	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=0	10.2	47.7	52.3	55.7	59.1	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4

TOTAL NO. OF OPS : 88

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : SEP  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.7	52.3	54.6	57.1	58.5	59.9	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
>=2000	22.8	53.9	56.3	58.7	60.2	60.6	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
>=1800	22.9	54.0	56.4	58.8	60.3	60.7	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.8
>=1600	22.9	54.0	56.4	58.8	60.3	60.7	61.3	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8
>=1400	23.1	54.3	56.7	59.1	60.6	61.0	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1
>=1200	23.2	54.9	57.3	59.7	61.2	61.6	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
>=1000	23.5	56.0	58.5	61.0	62.5	62.9	63.5	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0
>=900	23.6	56.2	58.7	61.1	62.7	63.0	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.2
>=800	23.9	57.5	60.1	62.6	64.3	64.6	65.3	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8
>=700	24.0	57.6	60.2	62.7	64.4	64.7	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>=600	24.1	57.7	60.4	62.9	64.5	64.9	65.6	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1
>=500	24.2	58.2	60.8	63.3	65.0	65.3	66.0	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6
>=450	24.2	58.2	60.8	63.4	65.0	65.4	66.1	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6
>=400	24.3	58.7	61.3	63.8	65.4	65.8	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0
>=350	24.5	60.3	62.9	65.4	67.1	67.5	68.2	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7
>=300	24.9	63.0	65.7	68.3	70.0	70.4	71.0	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6
>=250	25.4	64.7	67.4	70.0	71.7	72.1	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3
>=200	25.9	67.4	70.1	72.9	74.6	74.9	75.6	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
>=180	25.9	67.6	70.4	73.1	74.8	75.2	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4
>=150	26.3	70.8	74.1	77.6	79.7	80.1	80.8	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.5
>=120	26.7	73.1	77.2	81.8	84.7	85.4	86.2	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	87.0
>=100	26.7	74.1	79.3	84.5	88.7	90.1	91.6	92.1	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.7
>=90	26.7	74.3	79.7	85.1	89.4	90.9	92.7	93.2	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.9
>=80	26.7	74.4	79.9	85.7	90.2	92.0	94.1	94.7	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.6
>=70	26.7	74.5	80.0	86.0	90.7	92.5	94.7	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.4
>=60	26.7	74.5	80.1	86.0	90.8	92.7	95.3	96.1	96.3	96.7	96.8	96.8	96.9	96.9	97.0	97.2
>=50	26.7	74.5	80.1	86.0	90.9	92.7	95.6	96.5	96.8	97.4	97.5	97.5	97.9	97.9	97.9	98.1
>=40	26.7	74.5	80.1	86.1	91.0	92.8	95.8	96.8	97.1	97.8	98.0	98.0	98.4	98.4	98.5	98.8
>=30	26.7	74.5	80.1	86.1	91.0	92.8	95.8	96.8	97.2	98.0	98.3	98.3	98.9	98.9	99.1	99.5
>=20	26.7	74.5	80.1	86.1	91.0	92.8	95.8	96.9	97.2	98.1	98.5	98.5	99.0	99.0	99.4	99.7
>=10	26.7	74.5	80.1	86.1	91.0	92.8	95.8	96.9	97.2	98.1	98.5	98.5	99.1	99.1	99.5	99.9
>=0	26.7	74.5	80.1	86.1	91.0	92.8	95.8	96.9	97.2	98.1	98.5	98.5	99.1	99.1	99.5	100.0

TOTAL NO. OF OBS : 1872



# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN	
DIR.		1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	> 56									
N		5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	2.2					
NNE		1.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.0					
NE		.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0					
ENE		3.5	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	2.7					
E		5.3	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	2.4					
ESE		.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0					
SE		2.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.0					
SSE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0					
S		.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.0					
SSW		.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0					
SW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
WSW		2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.0					
W		2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	1.7					
WNW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
NW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0					
NNW		1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.0					
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63.2	.0					
ALL		28.9	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.9					

TOTAL NO. OF OBS : 114

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA R LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : OCT  
 CLASS : ALL WEATHER HOUR : 0400 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)														TOTAL	
16-PI. 1-1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-331 34-401 41-471 48-551 >=501														%	WIND
DIP. 1 1 1 1 1 1 1 1 1 1 1 1 1 1														%	SPEED
N	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	2.0
NNE	4.6	2.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	4.1
NE	2.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.0
ENE	3.8	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	2.4
E	6.2	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	3.4
ESE	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.8
SE	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.3
SSW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0
W	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0
WNW	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.5
NW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	59.2	.0
ALL	28.5	10.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.3

TOTAL NO. OF OBS : 120

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 16' LONG. : 117 21' ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)																TOTAL	MEAN
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%						
DIR.																	SPEED		
N	3.0	2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	3.5					
NNE	1.9	2.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.0					
NE	3.6	2.8	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.2	4.2					
ENE	2.5	2.2	1.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.3					
E	3.3	1.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	3.6					
ESE	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0					
SE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0					
SSE	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.8					
S	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.5					
SSW	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0					
SW	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.7					
WSW	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0					
W	1.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.7					
WNW	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.0					
NW	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.5					
NNW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.2					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	62.5	.0					
ALL	10.8	12.9	3.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.5					

TOTAL NO. OF OBS : 363

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

16 PT.		1	1	3	4	6	7-10	11-16	17-21	SPEED (KNOTS)						TOTAL		MEAN
DIR.		1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	Σ	SPEED	
N					1.0		.8	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.8	
NNE			.5		1.0		.5	.8	.0	.0	.0	.0	.0	.0	.0	2.8	7.4	
NE			.5		.5		.5	.3	.0	.0	.0	.0	.0	.0	.0	1.8	6.9	
ENE			1.2		1.5		.3	.3	.0	.0	.0	.0	.0	.0	.0	3.3	4.7	
E			1.2		1.0		.3	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5	
ESE			1.2		.5		.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.3	
SE			1.8		.3		.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.5	
SSE			1.5		.8		.8	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.6	
S			6.1		4.3		.8	.0	.0	.0	.0	.0	.0	.0	.0	11.2	3.5	
SSW			3.2		3.8		.8	.0	.0	.0	.0	.0	.0	.0	.0	7.9	4.1	
SW			3.6		3.1		1.3	.0	.0	.0	.0	.0	.0	.0	.0	7.9	4.2	
WSW			1.8		3.1		1.3	.0	.0	.0	.0	.0	.0	.0	.0	6.1	4.6	
W			2.3		4.1		2.3	.3	.0	.0	.0	.0	.0	.0	.0	8.9	5.1	
WNW			.5		.5		1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.3	6.9	
NW			.5		.3		.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0	
NNW			.0		.5		.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0	
VAR			.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM			.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	34.1	.0	
ALL		27.2	26.2	10.7	1.8		.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.0	

TOTAL NO. OF OBS : 393

NOTES :  
 \* = PERCENT < .25

# 1 - SURFACE WINDS

GO3154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : OCT  
 CLASS : ALL WEATHER HOUR : 1300 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)													TOTAL	MEAN		
>=56													%	WIND SPEED		
16 PT.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
DIR.																
N	.0	.0	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.9
NNE	.0	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3
NE	.0	.0	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.3
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.7
SSE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
S	.0	.5	3.9	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	6.5
SSW	.3	.3	3.3	6.9	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	7.8
SW	.5	.5	6.4	10.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.8	7.5
WSW	.3	.3	5.4	12.3	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.7	8.9
W	.3	.4	4.9	14.4	6.4	.3	.0	.0	.3	.0	.0	.0	.0	.0	26.2	9.1
WNW	.0	.5	.5	2.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.6
NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	2.6	26.2	52.4	16.7	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 269

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENOLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56								
N	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	10.5
NNE	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	12.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0
SE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
SSE	.0	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.4
S	.0	5.8	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	6.1
SSW	1.2	7.3	6.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	6.6
SW	.6	7.0	8.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.2	6.7
WSW	.6	9.2	10.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.5	6.9
W	1.6	10.7	9.8	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.8	7.3
WNW	.6	1.2	2.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.4
NW	.0	.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	6.1	43.4	42.2	5.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103.0	6.7

TOTAL NO. OF OBS : 327

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WIND

CG3104 : CAMP PENNLETON, CA  
 PERIOD OF RECORD : 1960-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56								
N	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.8
NNE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.3
ENE	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.3
E	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.1
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.2
SSE	1.4	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.2
S	4.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	2.3
SSW	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.4
SW	2.4	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.4
WSW	4.7	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	2.7
W	7.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.2
WNW	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.3
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	30.0	12.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	56.9	1.2

TOTAL NO. OF OBS : 211

NOTES : # = PERCENT < .75

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
16-21	1-31	4-61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>561		WIND	SPEED			
DIR																	
N	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.3				
NNE	3.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	2.0				
NE	7.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	3.0				
ENE	4.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	2.7				
E	2.6	3.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	6.5	3.8				
ESE	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.5				
SE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0				
SSE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0				
S	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0				
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
SW	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0				
WSW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0				
W	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	1.7				
WNW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0				
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
VAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	62.7	.0				
ALL	24.6	11.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.1				

TOTAL NO. OF OBS : 118

NOTES :  
 # = PERCENT < .25



# 1 - SURFACE WINDS

G03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		SPEED (KNOTS)																TOTAL %		MEAN WIND SPEED	
1	2	3	4	5	6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	>56							
N	1.5	.8	.4	.C*	.C*	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	2.8	4.2				
NNE	1.2	1.0	.3	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	2.8	5.1				
NE	1.1	1.0	.3	.1	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	2.5	4.7				
ENE	1.5	1.2	.2	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	3.1	4.3				
E	2.1	.9	.3	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	3.3	3.4				
ESE	.5	.3	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.8	7.3				
SE	.6	.3	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	1.3	2.7				
SSE	.7	.4	.2	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	1.4	4.0				
S	2.0	2.8	1.6	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	6.5	4.8				
SSW	1.2	2.7	2.4	.3	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	6.7	6.2				
SW	1.3	3.1	3.5	.4	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	8.3	6.3				
WSW	1.2	3.3	4.2	1.2	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	9.8	7.1				
W	1.4	3.7	4.7	1.7	.C*	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	11.8	7.3				
WNW	.6	.4	1.1	.2	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	2.3	6.9				
NW	.C	.1	.2	.C*	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.6	5.4				
NNW	.4	.2	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.6	3.0				
VAR	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C				
CLM	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	35.1	.C				
ALL	19.2	22.3	19.6	4.7	.1	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	100.0	3.9				

TOTAL NO. OF OBS : 2045

NOTES :  
 \* = PERCENT < .25

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 32 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : OCT  
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																			
	>10	>6	>5	>4	>3	>2	1/2	>2	>1	1/2	>1	1/4	>1	>3/4	>5/8	>1/2	>5/16	>1/4	>0	
UNLIMIT	7.9	35.1	39.5	41.2	43.0	43.9	46.5	46.5	46.5	46.5	46.5	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	
>20000	8.8	36.8	41.2	43.0	44.7	45.6	48.2	48.2	48.2	48.2	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
>15000	8.8	36.8	41.2	43.0	44.7	45.6	48.2	48.2	48.2	48.2	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
>14000	8.8	36.8	41.2	43.0	44.7	45.6	48.2	48.2	48.2	48.2	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
>13000	8.8	36.8	41.2	43.0	44.7	46.5	50.0	50.0	50.0	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
>12000	8.8	36.8	41.2	43.0	44.7	46.5	50.0	50.0	50.0	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
>11000	8.8	36.8	41.2	43.0	44.7	46.5	50.0	50.0	50.0	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
>10000	8.8	36.8	41.2	43.0	44.7	46.5	50.0	50.0	50.0	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
>9000	8.8	39.5	43.9	45.6	47.4	49.1	52.6	52.6	52.6	52.6	52.6	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
>8000	8.8	39.5	43.9	45.6	47.4	49.1	52.6	52.6	52.6	52.6	52.6	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
>7000	8.8	39.5	43.9	45.6	47.4	49.1	52.6	52.6	52.6	52.6	52.6	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
>6000	8.8	39.5	43.9	45.6	47.4	49.1	52.6	52.6	52.6	52.6	52.6	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
>5000	8.8	40.4	44.7	46.5	48.2	50.0	53.5	53.5	53.5	53.5	53.5	53.5	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
>4000	8.8	41.2	45.6	47.4	49.1	50.9	54.4	54.4	54.4	54.4	54.4	54.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
>3000	8.8	45.6	50.9	52.6	54.4	56.1	59.6	59.6	59.6	59.6	59.6	59.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
>2500	8.8	49.1	54.4	56.1	57.9	59.6	63.2	63.2	63.2	63.2	63.2	63.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
>2000	8.8	49.1	54.4	56.1	57.9	59.6	63.2	63.2	63.2	63.2	63.2	63.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
>1800	8.8	53.5	59.6	63.2	68.4	71.1	75.4	75.4	75.4	75.4	75.4	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
>1500	8.8	54.4	61.4	64.9	70.2	72.8	78.1	78.1	78.1	78.1	78.1	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
>1200	8.8	54.4	61.4	65.8	73.7	76.3	82.5	82.5	82.5	82.5	82.5	82.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
>1000	8.8	54.4	61.4	65.8	73.7	76.3	83.3	83.3	83.3	83.3	83.3	83.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
>900	8.8	54.4	62.3	66.7	75.4	78.9	85.1	85.1	85.1	85.1	85.1	85.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
>800	8.8	54.4	62.3	66.7	75.4	78.9	85.1	85.1	85.1	85.1	85.1	85.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
>700	8.8	54.4	62.3	66.7	75.4	78.9	85.1	85.1	85.1	85.1	85.1	85.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
>600	8.8	54.4	62.3	66.7	75.4	78.9	86.0	86.0	86.0	86.0	86.0	86.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
>500	8.8	54.4	62.3	66.7	75.4	78.9	86.0	86.0	86.0	86.0	86.0	86.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
>400	8.8	54.4	62.3	66.7	75.4	78.9	86.0	86.0	86.0	86.0	86.0	86.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
>300	8.8	54.4	62.3	66.7	75.4	78.9	86.0	86.0	86.0	86.0	86.0	86.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
>200	8.8	55.3	63.2	67.5	76.3	79.8	86.8	86.8	86.8	86.8	86.8	86.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
>100	8.8	55.3	63.2	67.5	76.3	79.8	86.8	86.8	86.8	86.8	86.8	86.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
>0	8.8	55.3	63.2	67.5	76.3	79.8	86.8	86.8	86.8	86.8	86.8	86.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	

ACTUAL NO. OF OPS : 114

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : OCT  
HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	6.2	34.1	36.4	41.1	43.4	43.4	46.5	46.5	46.5	46.5	48.1	48.1	48.1	48.1	48.1	48.1
>=20000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=18000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=16000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=14000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=12000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=10000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=9000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=8000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=7000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=6000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=5000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=4000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=3500	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=3000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=2500	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=2000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=1800	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=1600	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=1400	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=1200	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=1000	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=900	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=800	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=700	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=600	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=500	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=400	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=300	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=200	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>=100	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6
>= 0	7.0	35.7	38.0	42.6	45.0	45.0	48.1	48.1	48.1	48.1	49.6	49.6	49.6	49.6	49.6	49.6

TOTAL NO. OF OBS : 129

# C - CEILING VS VISIBILITY

003154 : CAMP PENOLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W FLEV. : 76 FT  
 MONTH : OCT  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.2	44.2	45.1	46.8	48.2	48.7	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	50.1
>=2000	24.2	45.9	47.0	48.7	50.4	51.0	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.4
>=1800	24.2	46.8	47.9	49.6	51.3	51.8	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.2
>=1600	24.2	46.8	47.9	49.6	51.3	51.8	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.2
>=1400	24.5	47.0	48.2	49.9	51.5	52.1	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.5
>=1200	24.5	47.6	49.0	50.7	52.4	53.2	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.6
>=1000	24.5	49.0	50.7	52.4	54.6	55.2	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.6
>=900	24.8	49.3	51.0	52.7	54.9	55.5	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.9
>=800	25.4	50.7	52.4	54.1	56.3	56.9	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.3
>=700	25.4	51.0	52.7	54.4	56.6	57.2	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.6
>=600	25.4	51.5	53.2	54.9	57.2	57.7	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	59.2
>=500	25.6	52.1	53.8	55.8	58.0	58.6	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	60.0
>=450	25.6	52.1	53.8	55.8	58.0	58.6	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	60.0
>=400	25.6	52.4	54.1	56.1	58.3	58.9	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.3
>=350	26.2	53.5	55.2	57.2	59.4	60.0	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.4
>=300	27.6	56.9	58.6	61.1	63.4	63.9	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.4
>=250	28.2	60.6	63.4	65.9	68.2	68.7	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.1
>=200	29.0	62.0	65.1	67.9	70.7	71.3	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.7
>=180	29.0	62.0	65.1	67.9	70.7	71.3	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.7
>=150	29.3	63.4	67.6	72.1	76.9	77.5	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.2
>=120	29.6	65.4	69.9	75.2	81.1	82.5	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.5
>=100	29.6	65.6	70.1	76.1	82.3	83.7	85.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	87.0
>=90	29.6	65.9	70.4	76.3	82.5	84.2	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	88.2
>=80	29.6	66.8	71.3	77.5	83.9	85.9	89.0	89.0	89.9	89.9	89.9	89.9	89.9	89.9	90.7
>=70	29.6	66.8	71.3	77.5	83.9	85.9	89.0	89.0	90.4	90.4	90.4	90.4	90.4	90.4	92.4
>=60	29.6	66.8	71.3	77.5	83.9	85.9	89.0	89.0	91.0	91.0	91.0	91.0	91.0	91.0	93.5
>=50	29.6	66.9	71.5	77.7	84.2	86.2	89.9	89.9	91.5	91.5	91.5	91.5	91.5	91.5	94.9
>=40	29.6	66.8	71.5	77.7	84.2	86.2	89.9	89.9	91.5	91.5	91.5	91.5	91.5	91.5	96.3
>=30	29.6	66.8	71.5	77.7	84.2	86.2	90.1	90.1	91.8	91.8	91.8	91.8	91.8	91.8	98.0
>=20	29.6	66.8	71.5	77.7	84.2	86.2	90.1	90.1	91.8	91.8	91.8	91.8	91.8	91.8	98.6
>=10	29.6	66.8	71.5	77.7	84.2	86.2	90.1	90.1	91.8	91.8	91.8	91.8	91.8	91.8	99.4
>=0	29.6	66.8	71.5	77.7	84.2	86.2	90.1	90.1	91.8	91.8	91.8	91.8	91.8	91.8	100.0

TOTAL NO. OF OPS : 355

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=1/8
UNLIMIT	27.6	50.9	53.7	56.3	57.8	58.3	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=2000	29.2	54.7	57.5	60.1	61.6	62.1	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>=1500	29.2	55.2	58.1	60.6	62.1	62.7	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>=1000	29.4	55.5	58.3	60.9	62.4	62.9	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>=1200	29.7	56.5	59.6	62.7	64.2	64.7	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
>=1000	30.9	58.8	61.9	65.0	66.5	67.0	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=900	30.9	58.3	61.9	65.0	66.5	67.0	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=800	31.5	60.1	63.2	66.2	67.8	68.3	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=700	31.5	60.1	63.2	66.2	67.8	68.3	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=600	31.5	60.4	63.7	66.8	68.3	68.8	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=500	32.0	60.9	64.2	67.3	68.8	69.3	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=400	32.0	61.1	64.5	67.5	69.0	69.6	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>=300	32.5	62.1	65.5	68.8	70.3	70.8	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=200	34.5	67.5	70.8	74.2	75.7	76.2	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=100	35.8	71.6	75.4	78.8	80.3	80.8	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>=2000	36.8	74.4	78.8	82.1	83.6	84.1	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>=1800	38.1	77.5	82.4	85.9	87.7	88.2	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>=1500	38.9	79.3	84.9	89.5	91.6	92.3	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>=1200	39.1	79.5	85.4	90.8	93.4	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
>=900	39.1	79.8	85.7	91.6	94.9	95.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=800	39.1	79.8	85.7	91.6	94.9	95.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=700	39.1	79.8	85.7	91.8	95.1	96.2	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=600	39.1	79.8	85.7	91.8	95.1	96.2	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=500	39.1	79.8	85.7	91.8	95.1	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=400	39.1	79.8	85.7	91.8	95.1	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=300	39.1	79.8	85.7	91.8	95.1	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=200	39.1	79.8	85.7	91.8	95.1	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=100	39.1	79.8	85.7	91.8	95.1	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=	39.1	79.8	85.7	91.8	95.1	96.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NO. OF OPS : 301

## 2 - CEILING VS VISIBILITY

CO3154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : OCT  
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	34.1	64.0	65.9	67.5	70.6	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=20000	35.4	69.0	70.9	72.7	75.9	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=18000	35.7	69.8	71.7	73.5	76.6	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=16000	35.7	69.8	71.7	73.5	76.6	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=14000	35.7	69.8	71.7	73.5	76.6	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=12000	36.2	71.4	73.9	75.6	78.7	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>=10000	37.5	74.0	76.1	78.2	81.4	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>=9000	37.5	74.3	76.4	78.5	81.6	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>=8000	38.6	75.9	78.0	80.1	83.2	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>=7000	38.8	76.1	78.2	80.3	83.5	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>=6000	39.8	76.4	78.5	80.6	83.7	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>=5000	39.1	76.6	79.0	81.1	84.3	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
>=4500	39.1	76.9	79.3	81.4	84.5	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>=4000	39.6	78.5	80.8	82.9	86.1	86.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>=3500	41.5	81.9	84.3	86.4	89.5	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=3000	42.0	83.5	85.8	87.9	91.3	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>=2500	42.3	84.8	87.4	89.5	92.9	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=2000	42.3	85.6	88.7	90.8	94.5	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>=1600	42.3	85.6	88.7	90.8	94.5	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>=1500	42.8	86.1	89.5	92.1	95.8	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=1200	42.8	86.4	89.8	92.4	96.6	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=1000	42.8	86.4	89.8	92.4	96.6	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=900	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=800	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=700	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=600	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=500	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=400	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=300	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=200	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=100	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=0	42.8	86.6	90.0	92.7	97.1	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NO. OF OPS : 381

## 2 - CEILING VS VISIBILITY

UQ3154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 37 15N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	32.5	65.0	67.5	69.4	72.2	72.9	74.4	74.8	74.8	74.8	74.8	74.8	75.7	75.7	75.7	75.7
>=20000	33.9	70.0	72.9	75.1	78.2	78.9	80.4	80.8	80.8	80.8	80.8	80.8	81.7	81.7	81.7	81.7
>=18000	34.1	70.7	73.5	75.7	78.9	79.5	81.4	81.7	81.7	81.7	81.7	81.7	82.6	82.6	82.6	82.6
>=16000	34.1	70.7	73.5	75.7	78.9	79.5	81.4	81.7	81.7	81.7	81.7	81.7	82.6	82.6	82.6	82.6
>=14000	34.4	71.3	74.1	76.3	79.5	80.1	82.0	82.3	82.3	82.3	82.3	82.3	83.3	83.3	83.3	83.3
>=12000	35.3	72.2	75.1	77.3	80.4	81.1	83.0	83.3	83.3	83.3	83.3	83.3	84.2	84.2	84.2	84.2
>=10000	36.9	76.3	79.2	81.4	84.5	85.2	87.1	87.4	87.4	87.4	87.4	87.4	88.3	88.3	88.3	88.3
>=9000	36.9	76.3	79.2	81.4	84.5	85.2	87.1	87.4	87.4	87.4	87.4	87.4	88.3	88.3	88.3	88.3
>=8000	37.5	77.6	80.4	82.6	85.8	86.4	88.3	88.6	88.6	88.6	88.6	88.6	89.6	89.6	89.6	89.6
>=7000	37.5	77.6	80.4	82.6	85.8	86.4	88.3	88.6	88.6	88.6	88.6	88.6	89.6	89.6	89.6	89.6
>=6000	37.5	78.2	81.1	83.3	86.4	87.1	89.0	89.3	89.3	89.3	89.3	89.3	90.2	90.2	90.2	90.2
>=5000	37.5	78.5	81.4	83.6	86.8	87.4	89.3	89.6	89.6	89.6	89.6	89.6	90.5	90.5	90.5	90.5
>=4500	37.5	78.5	81.4	83.6	86.8	87.4	89.3	89.6	89.6	89.6	89.6	89.6	90.5	90.5	90.5	90.5
>=4000	37.5	79.8	82.6	84.9	88.0	88.6	90.5	90.9	90.9	90.9	90.9	90.9	91.8	91.8	91.8	91.8
>=3500	38.2	81.4	84.2	86.4	89.6	90.2	92.1	92.4	92.4	92.4	92.4	92.4	93.4	93.4	93.4	93.4
>=3000	38.2	82.6	85.5	88.1	91.2	91.8	93.7	94.0	94.0	94.0	94.0	94.0	95.0	95.0	95.0	95.0
>=2500	38.2	83.6	86.8	89.3	92.4	93.1	95.0	95.3	95.3	95.3	95.3	95.3	96.2	96.2	96.2	96.2
>=2000	38.2	83.6	87.1	89.6	92.7	93.4	95.3	95.6	95.6	95.6	95.6	95.6	96.5	96.5	96.5	96.5
>=1800	38.2	83.6	87.1	89.6	92.7	93.4	95.3	95.6	95.6	95.6	95.6	95.6	96.5	96.5	96.5	96.5
>=1500	38.2	83.6	87.1	89.9	93.1	93.7	95.6	95.9	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8
>=1200	38.2	83.9	87.4	90.2	93.4	94.0	95.9	96.2	96.2	96.2	96.2	96.2	97.2	97.2	97.2	97.2
>=1000	38.2	83.9	87.7	90.9	94.3	95.0	96.8	97.2	97.2	97.2	97.2	97.2	98.4	98.4	98.4	98.4
>=900	38.2	83.9	87.7	91.2	94.6	95.3	97.2	97.5	97.5	97.5	97.5	97.5	98.7	98.7	98.7	98.7
>=800	38.2	83.9	87.7	91.5	95.0	95.6	97.5	98.1	98.1	98.1	98.1	98.1	99.4	99.4	99.4	99.4
>=700	38.2	83.9	87.7	91.5	95.0	95.6	97.5	98.1	98.1	98.1	98.1	98.1	99.4	99.4	99.4	99.4
>=600	38.2	83.9	87.7	91.5	95.0	95.6	97.8	98.4	98.4	98.4	98.4	98.4	99.7	99.7	99.7	99.7
>=500	38.2	83.9	88.0	91.8	95.3	95.9	98.1	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0
>=400	38.2	83.9	88.0	91.8	95.3	95.9	98.1	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0
>=300	38.2	83.9	88.0	91.8	95.3	95.9	98.1	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0
>=200	38.2	83.9	88.0	91.8	95.3	95.9	98.1	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0
>=100	38.2	83.9	88.0	91.8	95.3	95.9	98.1	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0
>= C	38.2	83.9	88.0	91.8	95.3	95.9	98.1	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0

TOTAL NO. OF OPS :

317

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W FLEV. : 76 FT  
 MONTH : OCT  
 HOUR : 1900 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=17	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=7
UNLIMIT	12.2	57.1	61.0	63.9	65.4	65.9	67.3	67.8	67.8	68.3	68.3	68.3	68.3	68.3	69.3	69.3	69.3	69.3
>=2000	12.7	59.5	63.9	66.8	68.3	68.8	70.2	71.7	71.7	71.7	71.7	71.7	71.2	71.2	72.2	72.2	72.2	72.2
>=1500	12.7	60.0	64.9	67.8	69.3	69.8	71.2	72.7	72.7	72.7	72.7	72.7	72.2	72.2	73.2	73.2	73.2	73.2
>=1000	12.7	60.0	65.4	68.3	70.2	70.7	72.2	72.7	72.7	73.2	73.2	73.2	72.7	72.7	73.7	73.7	73.7	73.7
>=500	12.7	60.5	65.9	69.3	71.2	71.7	73.2	73.7	73.7	74.1	74.1	74.1	73.6	73.6	74.6	74.6	74.6	74.6
>=200	12.7	61.5	66.8	70.2	72.2	72.7	74.1	74.6	74.6	75.1	75.1	75.1	74.6	74.6	75.6	75.6	75.6	75.6
>=100	12.7	62.4	68.3	71.7	73.7	74.1	75.6	76.1	76.1	76.6	76.6	76.6	76.1	76.1	77.1	77.1	77.1	77.1
>=50	12.7	62.4	68.3	71.7	73.7	74.1	75.6	76.1	76.1	76.6	76.6	76.6	76.1	76.1	77.1	77.1	77.1	77.1
>=2500	12.7	62.4	68.3	71.7	73.7	74.1	75.6	76.1	76.1	76.6	76.6	76.6	76.1	76.1	77.1	77.1	77.1	77.1
>=2000	12.7	62.4	68.3	71.7	73.7	74.1	75.6	76.1	76.1	76.6	76.6	76.6	76.1	76.1	77.1	77.1	77.1	77.1
>=1500	12.7	62.9	68.8	72.2	74.1	74.6	76.1	76.6	76.6	77.1	77.1	77.1	76.6	76.6	77.6	77.6	77.6	77.6
>=1000	12.7	64.4	70.2	73.7	75.6	76.1	77.6	78.0	78.0	78.5	78.5	78.5	78.0	78.0	79.0	79.0	79.0	79.0
>=500	12.7	65.4	71.2	74.6	76.6	77.1	78.5	79.0	79.0	79.5	79.5	79.5	79.0	79.0	80.0	80.0	80.0	80.0
>=200	12.7	66.3	72.2	75.6	77.6	78.1	79.5	80.0	80.0	80.5	80.5	80.5	80.0	80.0	81.0	81.0	81.0	81.0
>=100	12.7	67.8	73.7	77.1	79.5	80.0	81.5	82.0	82.0	82.5	82.5	82.5	82.0	82.0	83.0	83.0	83.0	83.0
>=50	12.7	69.8	75.6	79.0	81.5	82.0	83.4	83.9	83.9	84.4	84.4	84.4	83.9	83.9	84.9	84.9	84.9	84.9
>=2500	13.2	69.8	75.6	79.0	81.5	82.0	83.4	83.9	83.9	84.4	84.4	84.4	83.9	83.9	84.9	84.9	84.9	84.9
>=2000	13.2	73.2	79.5	83.9	85.9	86.8	88.3	89.3	89.3	89.8	89.8	89.8	89.3	89.3	90.2	90.2	90.2	90.2
>=1500	13.7	74.6	81.5	85.9	87.8	88.8	90.2	91.2	91.2	91.7	91.7	91.7	91.2	91.2	92.2	92.2	92.2	92.2
>=1000	13.7	75.1	82.4	87.8	90.2	91.2	92.7	93.2	93.2	93.7	93.7	93.7	93.2	93.2	94.2	94.2	94.2	94.2
>=500	13.7	75.1	82.4	87.8	90.2	91.2	92.7	93.2	93.2	93.7	93.7	93.7	93.2	93.2	94.2	94.2	94.2	94.2
>=200	13.7	75.1	82.4	87.8	90.2	91.2	92.7	93.2	93.2	93.7	93.7	93.7	93.2	93.2	94.2	94.2	94.2	94.2
>=100	13.7	75.1	82.4	87.8	90.2	91.2	92.7	93.2	93.2	93.7	93.7	93.7	93.2	93.2	94.2	94.2	94.2	94.2
>=50	13.7	75.1	82.4	87.8	90.2	91.2	92.7	93.2	93.2	93.7	93.7	93.7	93.2	93.2	94.2	94.2	94.2	94.2
>=2500	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6
>=2000	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6
>=1500	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6
>=1000	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6
>=500	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6
>=200	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6
>=100	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6
>=50	13.7	75.6	83.4	88.8	91.2	92.7	94.1	94.6	94.6	95.1	95.1	95.1	94.6	94.6	95.6	95.6	95.6	95.6

TOTAL NO. OF OBS : 205



# 2 - CEILING VS VISIBILITY

CO3154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	7.8	39.1	43.5	47.0	50.4	51.3	53.0	53.0	53.0	53.9	53.9	54.8	54.8	54.8	54.8
>=20000	8.7	40.9	46.1	49.6	53.0	53.9	55.7	55.7	55.7	56.5	56.5	57.4	57.4	57.4	57.4
>=18000	8.7	41.7	47.0	50.4	53.9	54.8	56.5	56.5	56.5	57.4	57.4	58.3	58.3	58.3	58.3
>=16000	8.7	41.7	47.0	50.4	53.9	55.7	57.4	57.4	57.4	58.3	58.3	59.1	59.1	59.1	59.1
>=14000	8.7	41.7	47.0	50.4	53.9	55.7	57.4	58.3	58.3	59.1	59.1	60.0	60.0	60.0	60.0
>=12000	8.7	44.3	49.6	53.0	56.5	58.3	60.0	60.9	60.9	61.7	61.7	62.6	62.6	62.6	62.6
>=10000	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=8000	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=6000	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=5000	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=4500	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=4000	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=3500	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=3000	8.7	47.0	52.2	55.7	59.1	60.9	62.6	63.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2
>=2500	8.7	50.4	56.5	60.0	63.5	65.2	67.0	67.8	67.8	68.7	68.7	69.6	69.6	69.6	69.6
>=2000	8.7	53.0	59.1	62.6	66.1	67.8	69.6	70.4	70.4	71.3	71.3	72.2	72.2	72.2	72.2
>=1800	8.7	53.0	59.1	62.6	66.1	67.8	69.6	70.4	70.4	71.3	71.3	72.2	72.2	72.2	72.2
>=1500	8.7	57.4	65.2	70.4	74.9	77.4	79.1	80.0	80.0	80.9	80.9	81.7	81.7	81.7	81.7
>=1200	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=1000	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=900	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=800	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=700	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=600	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=500	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=400	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=300	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=200	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=100	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5
>=0	8.7	59.1	67.0	72.2	76.5	79.1	80.9	81.7	81.7	82.6	82.6	83.5	83.5	83.5	83.5

TOTAL NO. OF OPS : 115

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENOLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : OCT  
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	1/2	>=1/2	>=5/8	>=3/4	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.8	52.4	54.9	57.2	59.4	59.9	61.2	61.4	61.4	61.4	61.5	61.7	61.7	62.0	61.7	61.7	62.0	62.0	62.0	62.0
>=20000	24.8	55.8	58.4	60.8	63.1	63.7	64.9	65.1	65.1	65.1	65.3	65.4	65.4	65.7	65.4	65.4	65.7	65.7	65.7	65.8
>=18000	24.9	56.4	59.1	61.5	63.8	64.3	65.6	65.8	65.8	65.8	66.0	66.1	66.1	66.4	66.1	66.1	66.4	66.4	66.4	66.5
>=16000	24.9	56.4	59.1	61.5	63.8	64.4	65.7	65.9	65.9	65.9	66.1	66.2	66.2	66.5	66.2	66.2	66.5	66.5	66.5	66.6
>=14000	25.0	56.6	59.3	61.8	64.1	64.7	66.0	66.3	66.3	66.3	66.4	66.6	66.6	66.9	66.6	66.6	66.9	66.9	66.9	66.9
>=12000	25.3	57.5	60.4	63.1	65.5	66.2	67.5	67.8	67.8	67.8	67.9	68.1	68.1	68.4	68.1	68.1	68.4	68.4	68.4	68.4
>=10000	26.1	59.6	62.7	65.3	67.8	68.5	69.8	70.1	70.1	70.1	70.2	70.4	70.4	70.7	70.4	70.4	70.7	70.7	70.7	70.7
>=9000	26.1	59.7	62.8	65.4	67.9	68.6	69.9	70.2	70.2	70.2	70.3	70.5	70.5	70.8	70.5	70.5	70.8	70.8	70.8	70.8
>=8000	26.6	61.1	64.2	66.8	69.3	70.0	71.3	71.5	71.5	71.5	71.7	71.8	71.8	72.1	71.8	71.8	72.1	72.1	72.1	72.2
>=7000	26.7	61.2	64.3	66.9	69.4	70.1	71.4	71.6	71.6	71.6	71.8	71.9	71.9	72.2	71.9	71.9	72.2	72.2	72.2	72.3
>=6000	26.7	61.5	64.6	67.3	69.7	70.4	71.7	72.0	72.0	72.0	72.1	72.3	72.3	72.6	72.3	72.3	72.6	72.6	72.6	72.6
>=5000	26.9	61.8	65.0	67.7	70.1	70.8	72.1	72.4	72.4	72.4	72.5	72.7	72.7	73.0	72.7	72.7	73.0	73.0	73.0	73.0
>=4500	26.9	61.9	65.2	67.9	70.3	71.0	72.3	72.6	72.6	72.6	72.7	72.9	72.9	73.2	72.9	72.9	73.2	73.2	73.2	73.2
>=4000	27.1	62.9	66.1	68.9	71.3	72.0	73.3	73.6	73.6	73.6	73.7	73.9	73.9	74.2	73.9	73.9	74.2	74.2	74.2	74.2
>=3500	28.0	65.1	68.4	71.1	73.5	74.2	75.6	75.8	75.8	75.8	76.0	76.1	76.1	76.4	76.1	76.1	76.4	76.4	76.4	76.5
>=3000	28.6	67.3	70.7	73.5	76.0	76.7	78.1	78.3	78.3	78.3	78.5	78.6	78.6	78.9	78.6	78.6	78.9	78.9	78.9	79.0
>=2500	29.0	69.7	73.4	76.3	78.8	79.5	80.9	81.2	81.2	81.2	81.3	81.5	81.5	81.8	81.5	81.5	81.8	81.8	81.8	81.8
>=2000	29.4	71.4	75.6	78.7	81.4	82.1	83.5	83.7	83.7	83.7	83.9	84.0	84.0	84.3	84.0	84.0	84.3	84.3	84.3	84.4
>=1800	29.4	71.4	75.7	78.8	81.5	82.2	83.6	83.6	83.6	83.6	83.8	84.0	84.0	84.4	84.1	84.1	84.4	84.4	84.4	84.5
>=1500	29.7	73.2	78.1	82.3	85.8	86.7	88.4	88.6	88.6	88.6	88.8	89.0	89.0	89.3	89.0	89.0	89.3	89.3	89.3	89.3
>=1200	29.9	74.1	79.1	83.7	87.6	88.7	90.6	90.8	90.8	90.8	91.0	91.2	91.2	91.5	91.2	91.2	91.5	91.5	91.5	91.5
>=1000	29.8	74.2	79.4	84.2	88.2	89.3	92.6	93.0	93.0	93.0	93.2	93.4	93.4	93.8	93.4	93.4	93.8	93.8	93.8	93.8
>=900	29.8	74.3	79.6	84.8	89.5	90.9	93.4	93.9	93.9	93.9	94.2	94.4	94.4	94.7	94.4	94.4	94.7	94.7	94.7	94.8
>=800	29.8	74.5	79.8	85.1	90.0	91.5	94.2	94.8	94.8	94.8	95.3	95.6	95.6	96.0	95.6	95.6	96.0	96.0	96.0	96.0
>=700	29.8	74.5	79.8	85.2	90.1	91.5	94.3	95.1	95.1	95.1	95.7	96.0	96.0	96.4	96.0	96.0	96.4	96.4	96.4	96.4
>=600	29.8	74.5	79.8	85.2	90.1	91.5	94.5	95.3	95.3	95.3	96.1	96.4	96.4	96.8	96.4	96.4	96.8	96.8	96.8	96.9
>=500	29.8	74.5	79.8	85.3	90.2	91.7	94.8	95.7	95.7	95.7	96.7	97.0	97.0	97.5	97.0	97.0	97.5	97.5	97.5	97.6
>=400	29.8	74.5	79.8	85.3	90.2	91.7	94.8	95.7	95.7	95.7	96.9	97.3	97.3	97.9	97.3	97.3	97.9	97.9	97.9	98.1
>=300	29.8	74.5	79.8	85.3	90.2	91.7	94.9	95.8	95.8	95.8	97.0	97.5	97.5	98.3	97.5	97.5	98.3	98.3	98.3	98.5
>=200	29.8	74.6	80.0	85.4	90.3	91.7	94.9	95.8	95.8	95.8	97.0	97.6	97.6	98.4	97.6	97.6	98.4	98.4	98.4	98.6
>=100	29.8	74.6	80.0	85.4	90.3	91.7	94.9	95.9	95.9	95.9	97.1	97.7	97.7	98.5	97.7	97.7	98.5	98.5	98.5	99.3
>=0	29.8	74.6	80.0	85.4	90.3	91.7	94.9	95.9	95.9	95.9	97.1	97.7	97.7	98.5	97.7	97.7	98.5	98.5	98.5	100.0

TOTAL NO. OF OBS : 2007

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : NOV  
 CLASS : ALL WEATHER HCUF : 0100 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)										TOTAL		MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED
N	2.5	2.5	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	7.5	5.3	
NNE	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	2.3	
NE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.5	
ENE	2.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	2.3	
E	2.5	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	3.5	
ESE	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	1.7	
SE	2.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	2.7	
SSE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.0	
NNW	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	58.7	.0	
ALL	27.5	11.2	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	100.0	1.3	

TOTAL NO. OF OBS : 80

NOTES :  
 \* = PERCENT

# 1 - SURFACE WINDS

003154 : CAME PENDLETON, CA      P      LAT. : 33 16N      LONG. : 117 21W      ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987      MONTH : NOV  
 CLASS : ALL WEATHER      HOUR : 0400 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.1	3.1	1.0	1.0	.0	.0	.0	.0	.0	.0	7.1	5.0
NNE	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	2.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	4.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	7.1	3.1
ESE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
SE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
SSE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
S	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
SSW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
SW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	18.4	6.1	1.0	1.0	.0	.0	.0	.0	.0	.0	73.5	9.9

TOTAL NO. OF OBS : 98

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : NOV  
 CLASS : ALL WEATHER HOUR : 0700 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%			
DIP.																SPEED	
N	2.1	2.5			.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	3.9	3.9	
NNE	1.8	.7			1.1	.4	.0	.0	.0	.0	.0	.0	.0	3.9	4.8	4.8	
NE	1.9	4.2			1.1	.4	.0	.0	.0	.0	.0	.0	.0	7.4	5.0	5.0	
ENE	2.8	2.8			2.5	.0	.0	.0	.0	.0	.0	.0	.0	8.1	4.8	4.8	
E	2.1	2.5			.4	.4	.0	.0	.0	.0	.0	.0	.0	5.3	4.6	4.6	
ESE	.4	.0			.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0	6.0	
SE	.7	.0			.4	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.0	4.0	
SSE	.7	.4			.4	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.0	4.0	
S	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.4	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.0	2.0	
SW	.0	.4			.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.0	4.0	
WSW	.0	.0			.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	10.0	10.0	
W	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.7	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.0	2.0	
NNW	.0	.0			.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	10.0	10.0	
VAR	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	65.6	.0	.0	
ALL	13.3	13.3			6.7	1.1	.0	.0	.0	.0	.0	.0	.0	100.0	1.6	1.6	

TOTAL NO. OF OBS : 285

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 DIR.		SPEED (KNOTS)											TOTAL		MEAN	
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	SPEED		
N	.3	1.4	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.5		
NNE	1.1	2.3	2.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.3		
NE	.6	1.7	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.9		
ENE	2.0	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.0		
E	1.1	1.7	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.1	5.2		
ESE	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0		
SE	.3	.3	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.7	9.2		
SSE	2.3	1.4	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	4.8	5.6		
S	2.0	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.4		
SSW	2.8	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	3.6		
SW	3.1	.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.5	3.7		
WSW	1.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.0		
W	2.3	2.5	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	6.2	5.0		
WNW	.8	.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.7		
NW	.6	.3	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.4	9.4		
NNW	.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45.9	.0		
ALL	21.4	19.7	9.3	2.3	.8	.0	.6	.0	.0	.0	.0	.0	100.0	2.8		

TOTAL NO. OF OBS : 355

NOTES : \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 DIR.		SPEED (KNOTS)																TOTAL %		MEAN WIND SPEED	
1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	.3	.9	.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.9				
NNE	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.4				
NE	.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.7				
ENE	.0	.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	10.0				
E	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.8				
ESE	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.7				
SE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0				
SSE	.3	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.2				
S	.3	5.5	4.6	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	6.8				
SSW	1.4	7.8	7.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.3	6.5				
SW	.0	8.6	7.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	7.1				
WSW	.9	8.4	8.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.6	7.1				
W	.0	6.1	5.8	2.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	8.0				
WNW	.2	.6	2.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	9.2				
NW	.0	.3	.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.7				
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	.0				
ALL	4.3	41.5	40.1	9.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.9				

TOTAL NO. OF OBS. : 347

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18' N LONG. : 117 21' W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	3	4	5	6	7		
N	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.0
NNE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0
NE	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.3
ENE	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
E	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.0
SSE	1.2	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.7
S	2.3	3.2	2.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9	5.1
SSW	4.4	8.5	2.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.8	5.1
SW	4.1	11.7	2.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.1	4.9
WSW	2.1	9.4	6.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.9	5.8
W	1.2	7.3	4.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	6.6
WNW	.6	1.2	2.3	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	8.2
NW	.0	.6	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.6
NNW	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	.0
ALL	17.0	52.5	22.9	3.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.4

TOTAL NO. OF OBS : 341

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA R LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : NOV  
 CLASS : ALL WEATHER HOUR : 1900 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

16 FT.		SPEED (KNOTS)																TOTAL		MEAN
DIR.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	SPEED		
N		8.4		2.6				.0	.6		.0	.0	.0	.0	.0	.0	11.6	3.1		
NNE		6.5		3.9				.0	.0		.0	.0	.0	.0	.0	.0	13.3	3.0		
NE		1.9		.6				.0	.0		.0	.0	.0	.0	.0	.0	2.6	2.8		
ENE		.0		.0				.0	.0		.0	.0	.0	.0	.0	.0	.0	.0		
E		1.9		.0				.0	.0		.0	.0	.0	.0	.0	.0	1.9	2.0		
ESE		1.3		.0				.0	.0		.0	.0	.0	.0	.0	.0	1.3	3.0		
SE		.0		.6				.0	.0		.0	.0	.0	.0	.0	.0	.6	4.0		
SSE		2.6		.0				.0	.0		.0	.0	.0	.0	.0	.0	2.6	2.0		
S		2.6		.0				.0	.0		.0	.0	.0	.0	.0	.0	2.6	2.0		
SSW		.0		.0		.6		.0	.0		.0	.0	.0	.0	.0	.0	.6	8.0		
SW		.0		1.3		.0		.0	.0		.0	.0	.0	.0	.0	.0	1.3	4.5		
WSW		.0		.6		.0		.0	.0		.0	.0	.0	.0	.0	.0	.6	6.0		
W		1.3		.0		.6		.0	.0		.0	.0	.0	.0	.0	.0	1.9	4.7		
WNW		2.6		.6		.0		.0	.0		.0	.0	.0	.0	.0	.0	3.2	2.6		
NW		.6		.0		.6		.0	.0		.0	.0	.0	.0	.0	.0	1.3	5.5		
NNW		1.9		.6		.0		.0	.0		.0	.0	.0	.0	.0	.0	2.6	2.5		
VAR		.0		.0		.0		.0	.0		.0	.0	.0	.0	.0	.0	.0	.0		
CLM		.0		.0		.0		.0	.0		.0	.0	.0	.0	.0	.0	54.8	.0		
ALL		51.6		11.0		1.9		.6	.0		.0	.0	.0	.0	.0	.0	103.0	1.4		

TOTAL NO. OF OBS : 155

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAME PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : NOV  
 CLASS : ALL WEATHER HOUR : 2200 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL	MEAN
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND		
N	5.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	3.2	
NNE	3.4	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	3.3	
NE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0	
ENE	1.7	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.3	
E	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.8	
ESE	3.4	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	2.9	
SE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.8	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
GLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	64.4	.0	
ALL	19.5	14.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.2	

TOTAL NO. OF OBS : 118

NOTES :  
 # = PERCENT < .05

# I - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL		MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	%	%	%	%	%	%	%
N	2.0	1.5	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7
NNE	1.9	1.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.4
NE	.8	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.9
ENE	1.1	1.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.9
E	1.2	1.7	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.3
ESE	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.4
SE	.4	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.2
SSE	1.1	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0
S	1.2	2.9	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.5
SSW	1.9	3.7	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	5.5
SW	1.5	4.3	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.6
WSW	.8	3.6	3.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.4
W	.8	3.1	2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	6.8
WNW	.6	.6	1.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.5
NW	.4	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.4
NNW	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36.8	.0
ALL	16.6	27.0	15.5	3.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.5

TOTAL NO. OF OBS. : 1779

NOTES :  
 \* = PERCENT < .05

003154 : CAMP PENDLETON, CA  
PERIOD OF RFCORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : NOV  
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	8.7	52.5	55.0	55.0	56.3	56.3	57.5	57.5	57.5	58.7	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
>=20000	8.7	52.5	55.0	55.0	56.3	56.3	57.5	57.5	57.5	58.7	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
>=18000	8.7	52.5	55.0	55.0	56.3	56.3	57.5	57.5	57.5	58.7	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
>=16000	8.7	52.5	55.0	55.0	56.3	56.3	57.5	57.5	57.5	58.7	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
>=14000	8.7	52.5	55.0	55.0	56.3	56.3	57.5	57.5	57.5	58.7	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
>=12000	8.7	53.7	56.3	57.5	58.7	58.7	60.0	60.0	60.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>=10000	10.0	56.3	58.7	60.0	61.2	61.2	62.5	62.5	62.5	63.7	63.7	63.7	63.7	63.7	65.0	65.0	65.0	65.0
>=9000	10.0	56.3	58.7	60.0	61.2	61.2	62.5	62.5	62.5	63.7	63.7	63.7	63.7	63.7	65.0	65.0	65.0	65.0
>=8000	10.0	56.3	60.0	61.2	63.7	63.7	65.0	65.0	65.0	66.2	66.2	66.2	66.2	66.2	67.5	67.5	67.5	67.5
>=7000	10.0	56.3	60.0	61.2	63.7	63.7	65.0	65.0	65.0	66.2	66.2	66.2	66.2	66.2	67.5	67.5	67.5	67.5
>=6000	10.0	57.5	61.2	62.5	65.0	65.0	66.2	66.2	66.2	67.5	67.5	67.5	67.5	67.5	68.8	68.8	68.8	68.8
>=5000	10.0	57.5	61.2	62.5	65.0	65.0	66.2	66.2	66.2	67.5	67.5	67.5	67.5	67.5	68.8	68.8	68.8	68.8
>=4500	10.0	57.5	61.2	62.5	65.0	65.0	66.2	66.2	66.2	67.5	67.5	67.5	67.5	67.5	68.8	68.8	68.8	68.8
>=4000	10.0	60.0	63.7	65.0	67.5	67.5	68.8	68.8	68.8	70.0	70.0	70.0	70.0	70.0	71.2	71.2	71.2	71.2
>=3500	10.0	61.2	65.0	66.2	68.8	68.8	70.0	70.0	70.0	71.2	71.2	71.2	71.2	71.2	72.5	72.5	72.5	72.5
>=3000	10.0	63.7	67.5	68.8	71.2	71.2	72.5	72.5	72.5	73.7	73.7	73.7	73.7	73.7	75.0	75.0	75.0	75.0
>=2500	10.0	65.0	68.8	70.0	72.5	72.5	73.7	73.7	73.7	75.0	75.0	75.0	75.0	75.0	76.2	76.2	76.2	76.2
>=2000	11.2	68.8	72.5	73.7	76.2	76.2	78.7	78.7	78.7	80.0	80.0	80.0	80.0	80.0	81.3	81.3	81.3	81.3
>=1800	11.2	68.8	72.5	73.7	76.2	76.2	78.7	78.7	78.7	80.0	80.0	80.0	80.0	80.0	81.3	81.3	81.3	81.3
>=1500	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=1200	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=1000	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=900	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=800	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=700	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=600	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=500	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=400	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=300	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=200	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=100	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5
>=0	11.2	73.7	77.5	80.0	82.5	82.5	85.0	85.0	85.0	86.2	86.2	86.2	86.2	86.2	87.5	87.5	87.5	87.5

TOTAL NO. OF OPS : 80

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : NOV  
HOUR : 0400 LST

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003154 : CAMP PENOLEION, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	7.2	49.5	53.6	55.7	56.7	56.7	59.8	61.9	61.9	61.9	61.9	62.9	62.9	63.9	66.0
>=20000	7.2	50.5	54.6	56.7	57.7	57.7	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	67.0
>=18000	7.2	50.5	54.6	56.7	57.7	57.7	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	67.0
>=16000	7.2	50.5	54.6	56.7	57.7	57.7	60.8	62.9	62.9	62.9	62.9	63.9	63.9	64.9	67.0
>=14000	7.2	50.5	54.6	57.7	58.8	58.8	61.9	63.9	63.9	63.9	63.9	64.9	64.9	66.0	68.0
>=12000	7.2	50.5	54.6	57.7	58.8	58.8	61.9	63.9	63.9	63.9	63.9	64.9	64.9	66.0	68.0
>=10000	7.2	51.5	55.7	58.8	59.8	59.8	62.9	64.9	64.9	64.9	64.9	66.0	66.0	67.0	69.1
>=9000	7.2	51.5	55.7	58.8	59.8	59.8	62.9	64.9	64.9	64.9	64.9	66.0	66.0	67.0	69.1
>=8000	7.2	51.5	56.7	59.8	60.8	60.8	63.9	66.0	66.0	66.0	66.0	67.0	67.0	68.0	70.1
>=7000	7.2	52.6	57.7	60.8	61.9	61.9	64.9	67.0	67.0	67.0	67.0	68.0	68.0	69.1	71.1
>=6000	7.2	53.6	58.8	61.9	62.9	62.9	66.0	68.0	68.0	68.0	68.0	69.1	69.1	70.1	72.2
>=5000	7.2	53.6	58.8	61.9	62.9	62.9	66.0	68.0	68.0	68.0	68.0	69.1	69.1	70.1	72.2
>=4500	7.2	53.6	58.8	61.9	62.9	62.9	66.0	68.0	68.0	68.0	68.0	69.1	69.1	70.1	72.2
>=4000	7.2	53.6	58.8	61.9	62.9	62.9	66.0	68.0	68.0	68.0	68.0	69.1	69.1	70.1	72.2
>=3500	7.2	54.6	59.8	62.9	63.9	63.9	67.0	69.1	69.1	69.1	69.1	70.1	70.1	71.1	73.2
>=3000	7.2	55.7	60.8	63.9	64.9	64.9	68.0	70.1	70.1	70.1	70.1	71.1	71.1	72.2	74.2
>=2500	7.2	57.7	62.9	66.0	67.0	67.0	71.1	73.2	73.2	73.2	73.2	74.2	74.2	75.3	77.3
>=2000	7.2	59.8	66.0	69.1	70.1	70.1	74.2	76.3	76.3	76.3	76.3	77.3	77.3	78.4	80.4
>=1800	7.2	59.8	66.0	69.1	70.1	70.1	74.2	76.3	76.3	76.3	76.3	77.3	77.3	78.4	80.4
>=1500	7.2	63.9	70.1	74.2	75.3	75.3	79.4	81.4	81.4	81.4	81.4	82.5	82.5	83.5	85.6
>=1200	7.2	64.9	71.1	75.3	76.3	76.3	80.4	82.5	82.5	82.5	82.5	83.5	83.5	84.5	86.6
>=1000	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 900	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 800	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 700	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 600	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 500	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 400	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 300	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 200	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 100	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7
>= 0	7.2	66.0	72.2	77.3	78.4	78.4	82.5	84.5	84.5	84.5	84.5	85.6	85.6	86.6	88.7

TOTAL NO. OF OPS : 97

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 12N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.0	48.9	50.4	52.9	53.6	54.7	55.4	56.1	56.1	57.2	57.6	57.6	57.6	57.6	58.3	58.3	58.3	59.0
>=20000	23.4	51.1	52.9	55.4	56.1	57.2	58.6	59.4	59.4	60.8	61.2	61.2	61.2	61.2	61.9	61.9	61.9	62.6
>=18000	23.4	51.4	53.2	55.8	56.5	57.6	59.0	59.7	59.7	61.2	61.5	61.5	61.5	61.5	62.2	62.2	62.2	62.9
>=16000	23.4	51.4	53.2	55.8	56.5	57.6	59.0	59.7	59.7	61.2	61.5	61.5	61.5	61.5	62.2	62.2	62.2	62.9
>=14000	23.4	51.4	53.2	55.8	56.5	57.6	59.0	59.7	59.7	61.2	61.5	61.5	61.5	61.5	62.2	62.2	62.2	62.9
>=12000	23.7	51.8	53.6	56.1	56.8	57.9	59.4	60.1	60.1	61.5	61.9	61.9	61.9	61.9	62.6	62.6	62.6	63.3
>=10000	23.7	53.2	55.4	58.3	59.0	60.1	61.5	62.2	62.2	63.7	64.0	64.0	64.0	64.0	65.1	65.1	65.1	65.8
>=9000	24.1	54.0	56.1	59.0	59.7	60.8	62.2	62.9	62.9	64.4	64.7	64.7	64.7	64.7	65.8	65.8	65.8	66.5
>=8000	24.5	55.0	57.2	60.1	60.8	61.9	63.3	64.0	64.0	65.5	65.8	65.8	65.8	65.8	67.3	67.3	67.3	68.0
>=7000	24.5	55.4	57.6	60.4	61.2	62.2	63.7	64.4	64.4	65.8	66.2	66.2	66.2	66.2	67.6	67.6	67.6	68.3
>=6000	24.9	56.5	58.6	61.5	62.2	63.3	64.7	65.5	65.5	66.9	67.3	67.3	67.3	67.3	68.7	68.7	68.7	69.4
>=5000	25.2	57.2	59.4	62.2	62.9	64.0	65.5	66.2	66.2	67.6	68.0	68.0	68.0	68.0	69.4	69.4	69.4	70.1
>=4500	25.5	57.6	59.7	62.6	63.3	64.4	65.8	66.5	66.5	68.0	68.3	68.3	68.3	68.3	69.8	69.8	69.8	70.5
>=4000	25.9	58.6	61.2	64.4	65.1	66.2	67.6	68.3	68.3	69.8	70.1	70.1	70.1	70.1	71.6	71.6	71.6	72.3
>=3500	26.3	59.0	61.5	64.7	65.5	66.5	68.0	68.7	68.7	70.1	70.5	70.5	70.5	70.5	71.9	71.9	71.9	72.7
>=3000	26.6	60.8	63.3	66.9	67.6	68.7	70.1	70.9	70.9	72.3	72.7	72.7	72.7	72.7	74.1	74.1	74.1	74.8
>=2500	26.6	62.9	65.8	69.4	70.1	71.2	72.7	73.4	73.4	74.8	75.2	75.2	75.2	75.2	76.6	76.6	76.6	77.3
>=2000	27.7	65.1	68.0	71.6	72.3	73.4	75.2	75.9	75.9	77.3	77.7	77.7	77.7	77.7	79.1	79.1	79.1	79.9
>=1800	27.7	65.1	68.0	71.6	72.7	73.7	75.5	76.3	76.3	77.7	78.1	78.1	78.1	78.1	79.5	79.5	79.5	80.2
>=1500	28.1	66.2	69.1	73.7	75.5	77.0	78.8	79.5	79.5	80.9	81.3	81.3	81.3	81.3	82.7	82.7	82.7	83.5
>=1200	28.1	67.3	70.1	75.2	77.0	78.4	80.2	80.9	80.9	82.7	83.1	83.1	83.1	83.1	84.9	84.9	84.9	85.6
>=1000	28.1	68.0	71.2	77.0	79.5	81.7	84.5	86.0	86.0	88.1	88.5	88.5	88.5	88.5	90.3	90.3	90.3	91.0
>=900	28.1	68.0	71.2	77.0	79.5	81.7	84.9	86.3	86.3	88.5	88.8	88.8	88.8	88.8	90.6	90.6	90.6	91.4
>=800	28.1	68.0	71.2	77.0	79.5	82.0	85.3	87.1	87.1	89.2	89.6	89.6	89.6	89.6	91.4	91.4	91.4	92.1
>=700	28.1	68.0	71.2	77.0	79.5	82.0	85.3	87.1	87.1	89.2	89.6	89.6	89.6	89.6	91.4	91.4	91.4	92.1
>=600	28.1	68.0	71.2	77.0	79.9	82.4	85.6	87.8	87.8	90.3	91.0	91.0	91.0	91.0	92.8	92.8	92.8	93.5
>=500	28.1	68.0	71.2	77.0	79.9	82.4	85.6	88.5	88.5	91.0	91.7	91.7	91.7	91.7	93.9	93.9	93.9	94.6
>=400	28.1	68.0	71.2	77.0	79.9	82.4	86.0	88.8	88.8	91.4	92.1	92.1	92.1	92.1	94.2	94.2	94.2	95.0
>=300	28.1	68.0	71.2	77.0	79.9	82.4	86.0	88.8	88.8	91.7	92.4	92.4	92.4	92.4	95.0	95.0	95.0	95.7
>=200	28.1	68.0	71.2	77.0	79.9	82.4	86.0	88.8	88.8	91.7	92.4	92.4	92.4	92.4	95.3	95.3	95.3	96.2
>=100	28.1	68.0	71.2	77.0	79.9	82.4	86.0	88.8	88.8	91.7	92.4	92.4	92.4	92.4	95.3	95.3	95.3	96.2
>=0	28.1	68.0	71.2	77.0	79.9	82.4	86.0	88.8	88.8	91.7	92.4	92.4	92.4	92.4	95.3	95.3	95.3	96.2

TOTAL NO. OF OPS : 276

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : NOV  
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	30.5	58.5	59.9	61.7	63.7	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8
>=20000	31.7	61.7	63.1	65.1	67.1	67.7	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3
>=18000	31.7	61.7	63.1	65.1	67.1	67.7	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3
>=16000	31.7	61.7	63.1	65.1	67.1	67.7	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3
>=14000	32.3	62.5	64.0	66.0	68.0	68.6	68.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
>=12000	32.6	64.6	66.0	68.0	70.0	70.5	70.9	70.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2
>=10000	34.3	66.3	68.3	70.3	72.6	73.2	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8
>= 8000	34.3	66.3	68.3	70.3	72.6	73.2	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8
>= 6000	35.4	68.0	70.0	72.0	74.4	74.9	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5
>= 4000	36.0	68.9	70.9	72.9	75.2	75.8	76.1	76.1	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4
>= 2000	36.3	69.2	71.2	73.2	75.5	76.1	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7
>= 1800	36.3	69.2	71.2	73.2	75.5	76.1	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7
>= 1600	36.9	70.6	72.6	74.6	76.9	77.5	77.8	77.8	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1
>= 1400	37.2	72.6	74.6	76.7	79.0	79.5	79.8	79.8	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1
>= 1200	38.3	75.8	78.1	80.4	82.7	83.6	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1
>= 1000	38.6	76.7	79.3	82.1	85.0	85.9	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5
>= 800	39.5	78.4	81.3	85.0	88.2	89.0	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
>= 600	39.5	78.4	81.3	85.0	88.2	89.0	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
>= 400	40.1	80.7	84.1	88.2	93.1	94.2	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8
>= 200	40.1	81.0	84.7	88.8	93.9	95.1	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0
>= 100	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
>= 50	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
>= 25	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
>= 10	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
>= 5	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
>= 2	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
>= 1	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
>= 0	40.1	81.0	84.7	88.8	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NO. OF OBS : 347

003154 : CAME PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : 1300 LT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	33.7	64.2	66.6	68.4	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=20000	33.5	69.9	72.2	74.0	76.1	76.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=15000	35.8	70.1	72.5	74.3	76.4	76.4	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>=10000	35.8	70.1	72.5	74.3	76.4	76.4	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>=7000	36.4	71.0	73.4	75.2	77.3	77.3	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>=5000	36.4	71.6	74.0	75.8	77.9	77.9	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=4500	37.6	73.7	76.7	78.5	80.6	80.6	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=4000	37.6	73.7	76.7	78.5	80.6	80.6	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=3500	38.2	75.2	78.2	80.0	82.1	82.1	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>=3000	39.4	76.4	79.4	81.2	83.3	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>=2500	39.7	77.0	80.0	81.8	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>=2000	40.3	77.9	80.9	82.7	84.8	84.8	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
>=1800	40.6	78.2	81.2	83.0	85.1	85.1	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=1500	40.9	79.4	82.4	84.2	86.3	86.3	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>=1200	41.5	81.2	84.2	86.0	88.1	88.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
>=1000	42.4	83.6	86.6	88.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=900	43.3	85.4	88.7	91.0	93.1	93.1	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
>=800	43.9	86.0	89.3	91.9	94.9	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=700	43.9	86.0	89.6	92.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>=600	44.2	86.3	89.9	92.8	95.8	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>=500	44.2	86.3	89.9	92.8	96.1	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=400	44.2	86.3	89.9	92.8	96.1	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=300	44.2	86.3	89.9	93.1	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=200	44.2	86.3	89.9	93.1	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=100	44.2	86.3	89.9	93.1	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= C	44.2	86.3	89.9	93.1	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NO. OF OPS : 335



# C - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : 1600 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	36.0	67.4	69.8	70.4	71.6	72.2	72.5	72.8	73.1	73.4	73.7	73.7	73.7	73.7	73.7	73.7
>=2000	37.5	72.5	74.9	75.5	76.7	77.3	77.6	77.9	78.2	78.9	79.2	79.2	79.2	79.2	79.2	79.2
>=1800	37.8	72.8	75.2	75.8	77.0	77.6	77.9	78.2	78.5	79.2	79.5	79.5	79.5	79.5	79.5	79.5
>=1600	38.1	73.1	75.5	76.1	77.3	77.9	78.2	78.5	78.9	79.5	79.8	79.8	79.8	79.8	79.8	79.8
>=1400	38.7	74.3	77.0	77.6	78.9	79.5	79.8	80.1	80.4	81.0	81.3	81.3	81.3	81.3	81.3	81.3
>=1200	39.0	75.2	77.9	78.5	80.1	80.7	81.0	81.3	81.6	82.2	82.5	82.5	82.5	82.5	82.5	82.5
>=1000	39.9	77.0	79.8	80.4	81.9	82.5	82.8	83.1	83.4	84.0	84.3	84.3	84.3	84.3	84.3	84.3
>=900	40.2	77.3	80.1	80.7	82.2	82.8	83.1	83.4	83.7	84.3	84.6	84.6	84.6	84.6	84.6	84.6
>=800	41.1	79.5	82.2	82.8	84.3	84.9	85.2	85.5	85.8	86.4	86.7	86.7	86.7	86.7	86.7	86.7
>=700	41.7	80.1	82.8	83.7	85.2	85.8	86.1	86.4	86.7	87.3	87.6	87.6	87.6	87.6	87.6	87.6
>=600	42.3	81.0	83.7	84.6	86.1	86.7	87.0	87.3	87.6	88.2	88.5	88.5	88.5	88.5	88.5	88.5
>=500	42.9	82.5	85.2	86.1	87.6	88.2	88.5	88.8	89.1	89.7	90.0	90.0	90.0	90.0	90.0	90.0
>=450	42.9	82.5	85.2	86.1	87.6	88.2	88.5	88.8	89.1	89.7	90.0	90.0	90.0	90.0	90.0	90.0
>=400	42.9	82.3	85.5	86.4	87.9	88.5	88.8	89.1	89.4	90.0	90.3	90.3	90.3	90.3	90.3	90.3
>=350	43.5	84.0	86.7	87.6	89.1	89.7	90.0	90.3	90.6	91.2	91.5	91.5	91.5	91.5	91.5	91.5
>=300	44.1	86.4	89.1	90.3	91.2	92.4	92.7	93.1	93.4	94.0	94.3	94.3	94.3	94.3	94.3	94.3
>=250	44.1	86.7	89.7	91.5	93.1	93.7	94.0	94.3	94.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5
>=200	44.1	86.7	89.7	91.8	93.4	94.0	94.3	94.6	94.9	95.5	95.8	95.8	95.8	95.8	95.8	95.8
>=180	44.1	87.0	90.0	92.1	93.7	94.3	94.6	94.9	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1
>=150	44.1	87.0	90.0	92.1	93.7	94.9	95.2	95.5	95.8	96.4	96.7	96.7	96.7	96.7	96.7	96.7
>=120	44.1	87.3	90.6	93.1	94.6	95.8	96.1	96.4	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6
>=100	44.1	87.3	90.6	93.7	95.2	96.4	97.0	97.3	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5
>=900	44.1	87.3	90.6	93.7	95.2	96.4	97.0	97.3	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5
>=800	44.1	87.3	91.2	94.0	95.5	96.7	97.3	97.6	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8
>=700	44.1	87.3	91.2	94.0	95.5	96.7	97.3	97.6	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8
>=600	44.1	87.3	91.2	94.0	95.5	96.7	97.3	97.6	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8
>=500	44.1	87.3	91.2	94.0	95.5	97.0	97.6	97.9	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1
>=400	44.1	87.3	91.2	94.0	95.5	97.0	97.6	97.9	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4
>=300	44.1	87.3	91.2	94.0	95.5	97.0	97.6	97.9	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4
>=200	44.1	87.3	91.2	94.0	95.5	97.0	97.6	97.9	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4
>=100	44.1	87.3	91.2	94.0	95.5	97.0	97.6	97.9	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4
>= C	44.1	87.3	91.2	94.0	95.5	97.0	97.6	97.9	98.2	99.1	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NO. OF OPS : 331

## 2 - CEILING VS VISIBILITY

Q03154 : CAMP PENOLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : NOV  
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.2	67.5	68.8	70.8	70.8	70.8	71.4	71.4	72.1	72.1	72.1	72.7	72.7	72.7	72.7
>=20000	16.2	69.5	71.4	73.4	73.4	73.4	74.0	74.0	74.7	74.7	74.7	75.3	75.3	75.3	75.3
>=18000	16.2	69.5	71.4	73.4	73.4	73.4	74.0	74.0	74.7	74.7	74.7	75.3	75.3	75.3	75.3
>=16000	16.2	69.5	71.4	73.4	73.4	73.4	74.0	74.0	74.7	74.7	74.7	75.3	75.3	75.3	75.3
>=14000	16.2	69.5	71.4	73.4	73.4	73.4	74.0	74.0	74.7	74.7	74.7	75.3	75.3	75.3	75.3
>=12000	16.9	70.1	72.7	74.7	74.7	74.7	75.3	75.3	76.0	76.0	76.0	76.6	76.6	76.6	76.6
>=10000	17.5	72.1	74.7	76.6	76.6	76.6	77.3	77.3	77.9	77.9	77.9	78.6	78.6	78.6	78.6
>=9000	17.5	72.7	75.3	77.3	77.3	77.3	77.9	77.9	78.6	78.6	78.6	79.2	79.2	79.2	79.2
>=8000	17.5	74.7	77.3	79.2	79.2	79.2	79.9	79.9	80.5	80.5	80.5	81.2	81.2	81.2	81.2
>=7000	17.5	74.7	77.3	79.2	79.2	79.2	79.9	79.9	80.5	80.5	80.5	81.2	81.2	81.2	81.2
>=6000	17.5	74.7	77.3	79.2	79.2	79.2	79.9	79.9	80.5	80.5	80.5	81.2	81.2	81.2	81.2
>=5000	17.5	76.0	78.6	80.5	80.5	80.5	81.2	81.2	81.8	81.8	81.8	82.5	82.5	82.5	82.5
>=4500	17.5	76.6	79.2	81.2	81.2	81.2	81.8	81.8	82.5	82.5	82.5	83.1	83.1	83.1	83.1
>=4000	17.5	77.3	79.9	81.8	81.8	81.8	82.5	82.5	83.1	83.1	83.1	83.8	83.8	83.8	83.8
>=3500	17.5	77.3	79.9	81.8	81.8	81.8	82.5	82.5	83.1	83.1	83.1	83.8	83.8	83.8	83.8
>=3000	17.5	79.2	81.8	83.8	83.8	83.8	84.4	84.4	85.1	85.1	85.1	85.7	85.7	85.7	85.7
>=2500	17.5	80.5	83.8	85.7	85.7	85.7	86.4	86.4	87.0	87.0	87.0	87.7	87.7	87.7	87.7
>=2000	17.5	81.2	85.1	87.0	87.0	87.0	87.7	87.7	88.3	88.3	88.3	89.0	89.0	89.0	89.0
>=1800	17.5	81.2	85.1	87.0	87.0	87.0	87.7	87.7	88.3	88.3	88.3	89.0	89.0	89.0	89.0
>=1500	17.5	82.5	86.4	88.3	88.3	88.3	89.0	89.0	89.6	89.6	89.6	90.3	90.3	90.3	90.3
>=1200	17.5	83.1	87.0	89.0	89.0	89.0	89.6	89.6	90.3	90.3	90.3	91.0	91.0	91.0	91.0
>=1000	17.5	83.1	87.0	89.0	89.0	89.0	90.3	90.3	91.0	91.0	91.0	91.6	91.6	91.6	91.6
>=900	17.5	83.1	87.0	89.0	89.0	89.0	90.3	90.3	91.0	91.0	91.0	91.6	91.6	91.6	91.6
>=800	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=700	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=600	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=500	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=400	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=300	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=200	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=100	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8
>=0	17.5	83.8	87.7	90.9	90.9	90.9	91.6	91.6	92.2	92.2	92.2	92.8	92.8	92.8	92.8

TOTAL NO. OF OBS : 154

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	10.3	55.6	57.3	59.8	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=20000	10.3	57.3	59.8	62.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>=18000	10.3	57.3	59.8	62.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>=16000	10.3	57.3	59.8	62.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>=14000	10.3	57.3	59.8	62.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=12000	10.3	57.3	60.7	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=10000	10.3	59.8	63.2	65.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>= 8000	10.3	59.8	63.2	65.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>= 6000	10.3	62.4	65.8	68.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 4000	10.3	62.4	65.8	68.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 2000	10.3	63.2	66.7	69.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 1800	10.3	63.2	66.7	69.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 1600	10.3	64.1	67.5	70.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 1400	10.3	64.1	67.5	70.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 1200	11.1	69.2	72.6	75.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 1000	11.1	69.2	72.6	75.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 900	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 800	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 700	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 600	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 500	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 400	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 300	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 200	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 100	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 0	11.1	73.5	77.8	80.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8

TOTAL NO. OF OPS : 117

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : NOV  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=1/2	>=5/16
UNLIMIT	24.0	59.6	61.6	63.3	64.6	65.0	65.9	66.0	66.4	66.5	66.5	66.8	66.8	66.8	66.8	67.1
>=20000	27.0	63.0	65.2	66.9	68.3	68.7	69.2	69.8	70.3	70.4	70.4	70.7	70.7	70.7	70.7	71.0
>=18000	27.1	63.1	65.3	67.1	68.4	68.8	69.4	69.9	70.4	70.6	70.6	70.8	70.8	70.8	70.9	71.1
>=16000	27.1	63.2	65.4	67.1	68.5	68.9	69.5	70.0	70.5	70.6	70.6	70.9	70.9	70.9	71.0	71.2
>=14000	27.5	63.8	66.0	67.9	69.3	69.7	70.3	70.7	71.3	71.4	71.4	71.7	71.7	71.7	71.8	72.0
>=12000	27.7	64.6	67.0	68.8	70.3	70.7	71.3	71.8	72.3	72.5	72.5	72.7	72.7	72.7	72.8	73.0
>=10000	28.6	66.5	69.1	71.0	72.6	73.0	73.5	74.0	74.6	74.7	74.7	75.0	75.0	75.0	75.1	75.3
>=9000	28.7	66.7	69.4	71.2	72.9	73.2	73.8	74.2	74.8	74.9	74.9	75.3	75.3	75.3	75.3	75.6
>=8000	29.3	68.3	71.0	72.9	74.5	74.9	75.5	76.0	76.5	76.7	76.7	77.1	77.1	77.1	77.1	77.3
>=7000	29.7	68.9	71.7	73.6	75.2	75.6	76.2	76.7	77.2	77.3	77.3	77.7	77.7	77.7	77.8	78.0
>=6000	30.0	69.6	72.3	74.3	75.9	76.3	76.9	77.3	77.4	77.9	78.0	78.4	78.4	78.4	78.5	78.7
>=5000	30.3	70.3	73.0	75.0	76.6	77.0	77.6	78.0	78.1	78.6	78.7	79.1	79.1	79.1	79.2	79.4
>=4500	30.4	70.4	73.2	75.2	76.8	77.2	77.7	78.2	78.3	78.8	78.9	79.3	79.3	79.3	79.4	79.6
>=4000	30.6	71.4	74.2	76.3	77.9	78.3	79.0	79.4	79.5	80.0	80.1	80.5	80.5	80.5	80.6	80.8
>=3500	31.0	72.6	75.4	77.4	79.0	79.4	80.2	80.6	80.7	81.2	81.3	81.7	81.7	81.7	81.8	82.0
>=3000	31.6	74.9	77.7	80.0	81.6	82.1	82.8	83.3	83.8	84.0	84.0	84.4	84.4	84.4	84.4	84.6
>=2500	31.9	76.3	79.5	82.1	83.7	84.2	85.0	85.5	86.0	86.1	86.1	86.5	86.5	86.5	86.6	86.8
>=2000	32.4	77.5	80.9	83.8	85.8	86.3	87.2	87.6	87.7	88.2	88.3	88.7	88.7	88.7	88.8	89.0
>=1800	32.4	77.6	81.0	84.0	86.1	86.6	87.5	88.0	88.0	88.6	88.7	89.1	89.1	89.1	89.1	89.4
>=1500	32.6	79.1	82.6	86.0	88.5	89.2	90.2	90.6	90.7	91.2	91.3	91.7	91.7	91.7	91.8	92.0
>=1200	32.6	79.5	83.2	86.6	89.2	90.0	91.1	91.6	91.7	92.3	92.4	92.9	92.9	92.9	92.9	93.2
>=1000	32.6	79.6	83.4	87.3	90.3	91.3	92.8	93.5	93.6	94.3	94.4	94.9	94.9	94.9	94.9	95.2
>= 900	32.6	79.6	83.4	87.3	90.5	91.4	92.9	93.7	93.8	94.5	94.6	95.1	95.1	95.1	95.1	95.3
>= 800	32.6	79.7	83.6	87.6	90.9	91.9	93.6	94.4	94.5	95.3	95.5	96.0	96.0	96.0	96.1	96.3
>= 700	32.6	79.7	83.6	87.6	90.9	92.0	93.7	94.5	94.7	95.5	95.7	96.3	96.3	96.3	96.3	96.5
>= 600	32.6	79.7	83.6	87.6	91.0	92.1	93.8	94.6	94.9	95.9	96.1	96.7	96.7	96.7	96.7	97.0
>= 500	32.6	79.7	83.6	87.6	91.0	92.1	93.9	95.1	95.3	96.4	96.7	97.3	97.3	97.3	97.4	97.6
>= 400	32.6	79.7	83.6	87.6	91.0	92.1	94.0	95.3	95.5	96.7	97.0	97.6	97.6	97.6	97.7	97.9
>= 300	32.6	79.7	83.6	87.6	91.0	92.1	94.0	95.3	95.5	96.8	97.1	97.8	97.8	97.8	98.0	98.4
>= 200	32.6	79.7	83.6	87.6	91.0	92.1	94.0	95.3	95.5	96.9	97.3	98.2	98.2	98.2	98.4	99.0
>= 100	32.6	79.7	83.6	87.6	91.0	92.1	94.0	95.3	95.5	96.9	97.3	98.2	98.2	98.2	98.4	99.2
>= 0	32.6	79.7	83.6	87.6	91.0	92.1	94.0	95.3	95.5	96.9	97.3	98.2	98.2	98.2	98.5	100.0

TOTAL NO. OF OPS : 1735

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		1	1 - 3	4	- 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIR.															%	SPEED
N		2.7		.0	1.4	.0	2.7	.0	.0	.0	.0	.0	.0	.0	6.8	9.8
NNE		2.7	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	4.3
NE		2.7	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	3.7
ENE		2.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.0
E		1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.0
ESE		1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.0
SE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW		1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.0
SW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W		1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.0
WNW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	72.6	.0
ALL		16.4	4.1	4.1	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	100.0	1.4

TOTAL NO. OF OBS : 73

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : DEC  
 CLASS : ALL WEATHER HOUR : 0400 LST  
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																									
DIR.		1-3		4-6		7-10		11-16		17-21		22-27		28-33		34-40		41-47		48-55		>56		TOTAL	MEAN
		%		%		%		%		%		%		%		%		%		%		%		%	%
N	1.1	6.7	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	7.6	
NNE	1.1	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.5	
NE	2.2	4.4	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	4.5	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.3	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.0	
W	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.3	
WNW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0	
NW	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67.8	.0	
ALL	10.0	15.6	4.4	1.1	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.7	

TOTAL NO. OF OBS. : 50

NOTES :  
 \* = PERCENT

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : DEC  
 CLASS : ALL WEATHER HOUR : 0700 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL		MEAN
16 PT. 1 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 >= 56																%	WIND	
DIR.																	SPEED	
N	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.4					
NNE	2.1	3.8	1.0	1.4	.3	.0	.0	.0	.0	.0	.0	8.7	6.4					
NE	1.4	3.5	3.1	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.6					
ENE	1.0	2.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5					
E	1.7	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.6					
ESE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	12.0					
SE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.7					
SSE	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.5					
S	.3	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.0	7.3					
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
SW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.7					
WSW	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	9.0					
W	.7	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.4	5.5					
WNW	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0					
NW	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.8					
NNW	.7	.7	.7	.0	.0	.3	.0	.0	.0	.0	.0	2.4	7.7					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63.7	.0					
ALL	12.8	13.1	7.3	2.4	.3	.3	.0	.0	.0	.0	.0	100.0	1.9					

TOTAL NO. OF OBS : 289

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

G03154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	%	WIND
N	.5	1.4	1.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.4
NNE	.8	2.5	2.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.8
NE	.5	2.5	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.1
ENE	.8	2.7	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.8
E	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.5
ESE	2.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.1
SE	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.8
SSE	.7	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
S	1.1	.3	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.3
SSW	1.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.6
SW	.8	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.8
WSW	1.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.7
W	1.4	1.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.2
WNW	1.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.4
NW	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.7
NNW	.0	1.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	56.4	.0
ALL	14.0	15.1	9.9	4.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.5

TOTAL NO. OF OBS : 365

NOTES :  
 \* = PERCENT < .05



# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL		MEAN
	16-21	21-26	26-31	31-36	36-41	41-46	46-51	51-56	56-61	61-66	66-71	71-76	76-81	81-86	86-91	91-96	%	%	
N	.6	.3	1.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.9
NNE	1.1	.6	.9	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.0
NE	.0	1.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.1
ENE	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.3
E	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.7
ESE	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.5
SE	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.3
SSE	.6	1.1	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.8
S	2.8	7.4	3.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.5	5.8
SSW	2.3	8.8	6.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.2	6.1
SW	2.6	5.4	4.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	6.1
WSW	1.7	8.5	7.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.9	6.5
W	.9	3.7	3.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	8.3
WNW	.7	.0	1.4	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	9.8
NW	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.7
NNW	.0	.3	.6	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	14.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	.0
ALL	15.1	38.6	29.8	7.7	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.3

TOTAL NO. OF OBS. : 352

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAM PENDLETON, CA R LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : DEC  
 CLASS : ALL WEATHER HOUR : 1600 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIP.	SPEED (KNOTS)																TOTAL	MEAN
	16-21	21-26	26-31	31-36	36-41	41-46	46-51	51-56	56-61	61-66	66-71	71-76	76-81	81-86	86-91	91-96		
N	.6	.9	.9	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	8.5
NNE	.9	.0	.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.6
NE	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.3
ENE	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.7
SE	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.3
SSE	2.0	3.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	4.4
S	5.8	9.3	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.4	4.9
SSW	4.7	9.0	2.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.6	4.6
SW	2.6	8.7	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	4.6
WSW	2.0	7.8	3.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.5	5.4
W	1.7	4.7	2.9	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.3
WNW	.3	1.5	.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.4
NW	.0	.3	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	9.5
NNW	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	.0
ALL	23.3	47.4	15.7	4.7	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.0

TOTAL NO. OF OBS : 744

NOTES :  
 # = PERCENT < .05

# 1 - SURFACE WINDS

Q03154 : CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : DEC  
 CLASS : ALL WEATHER HOUR : 1900 LST  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 1		1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
DIR.															%	SPEED
SPEED (KNOTS)																
N	6.7	.0	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	3.8
NNE	7.4	3.1	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	4.0
NE	8.0	3.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	3.0
ENE	2.5	1.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.5
E	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
ESE	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.0
SE	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	9.0
SSE	.6	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.3
S	1.8	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.8
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0
WSW	1.8	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.0
W	1.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.3
WNW	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	10.0
NW	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.5
NNW	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	46.0	.0
ALL	32.5	11.0	6.7	3.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.3

TOTAL NO. OF OBS : 163

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 2200 LST

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-70	71-77	78-84	85-91	92-99		
N	5.7	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.0
NNE	5.7	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.4
NE	2.8	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	2.8
ENE	1.9	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0
E	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.0
ESE	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0
SE	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0
SSE	.0	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
W	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	13.0
NNW	.9	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63.2	.0
ALL	19.8	7.5	5.7	2.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1.7

TOTAL NO. OF OBS : 106

NOTES :  
 # = PERCENT < .05

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION VS SPEED  
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	3	4	5	6	7		
N	1.7	.9	.9	.3	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.5
NNE	2.1	1.7	1.1	.9	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.0
NE	1.6	2.2	1.1	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.9
ENE	1.0	1.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.0
E	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0
ESE	.8	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.4
SE	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.8
SSE	.7	1.3	.4	.1	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.3
S	2.1	3.3	1.1	.4	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.5
SSW	1.7	3.5	1.7	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.3	5.3
SW	1.4	2.9	1.2	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.2
WSW	1.2	3.3	2.2	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.2	5.9
W	1.1	2.1	1.3	.5	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.7
WNW	.4	.4	.6	.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.6
NW	.7	.2	.3	.1	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.6
NNW	.3	.5	.3	.2	.1	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	39.0	.0
ALL	17.7	24.4	13.5	4.2	.8	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.5

TOTAL NO. OF OBS : 1782

NOTES :  
 \* = PERCENT < .05

# 1 - SURFACE WINDS

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : ANN HOUR : ALL

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.		SPEED (KNOTS)																TOTAL		MEAN
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%							
N	1.1	.5	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	2.0	4.5						
NNE	1.4	1.0	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	2.8	4.5						
NE	1.7	1.2	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	3.0	4.3						
ENE	.9	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.3						
E	.6	.6	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	1.7	3.8						
ESE	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.9						
SE	.6	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	1.1	4.2						
SSE	.8	.5	.5	.1	.0*	.0*	.0	.0*	.0	.0	.0	.0	2.3	5.2						
S	1.8	3.7	2.3	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	8.2	5.7						
SSW	1.6	4.1	4.0	.6	.0*	.0	.0	.0	.0	.0	.0	.0	10.4	6.4						
SW	1.4	4.1	5.2	1.1	.0*	.0	.0	.0	.0	.0	.0	.0	11.9	7.0						
WSW	1.3	3.5	5.3	1.5	.1	.0*	.0	.0	.0	.0	.0	.0	11.6	7.5						
W	1.0	2.6	3.7	1.4	.1	.0*	.0	.0	.0	.0	.0	.0	8.8	7.6						
WNW	.4	.5	.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	1.8	7.2						
NW	.2	.2	.1	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.6	5.3						
NNW	.2	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.6	4.9						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.3	.0						
ALL	15.5	24.4	23.4	5.9	.4	.1	.0*	.0	.0	.0	.0	.0	100.0	4.4						

TOTAL NO. OF OBS : 22567

NOTES :  
 \* = PERCENT < .05

# CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 0100 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=5	>=3	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.4	54.2	55.6	59.7	61.1	63.9	66.7	66.7	66.7	68.1	68.1	69.4	69.4
>=2000	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=1800	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=1600	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=1400	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=1200	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=1000	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=800	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=600	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=400	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=200	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=100	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=0	19.4	56.9	59.3	62.5	63.9	66.7	69.4	69.4	69.4	70.8	70.8	72.2	72.2
>=2500	19.4	66.7	69.1	73.6	75.0	77.9	80.6	81.9	81.9	83.3	83.3	84.7	84.7
>=2000	19.4	68.1	69.4	75.0	76.4	79.2	81.9	83.3	83.3	84.7	84.7	86.1	86.1
>=1800	19.4	68.1	69.4	75.0	76.4	79.2	81.9	83.3	83.3	84.7	84.7	86.1	86.1
>=1600	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=1400	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=1200	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=1000	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=800	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=600	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=400	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=200	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=100	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5
>=0	19.4	69.4	70.8	76.4	77.8	80.6	83.3	84.7	84.7	86.1	86.1	87.5	87.5

TOTAL NO. OF OPS : 72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : DEC  
HOUR : 0400 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	14.6	66.3	67.4	68.5	69.7	71.9	71.9	71.9	73.0	73.0	73.0	73.0	74.2	74.2	74.2	74.2
>=2000	14.6	68.5	69.7	70.8	71.9	71.9	71.9	71.9	73.0	73.0	73.0	73.0	74.2	74.2	74.2	74.2
>=1800	14.6	68.5	69.7	70.8	71.9	71.9	71.9	71.9	73.0	73.0	73.0	73.0	74.2	74.2	74.2	74.2
>=1600	14.6	68.5	69.7	70.8	71.9	71.9	71.9	71.9	73.0	73.0	73.0	73.0	74.2	74.2	74.2	74.2
>=1400	14.6	68.5	69.7	70.8	71.9	71.9	71.9	71.9	73.0	73.0	73.0	73.0	74.2	74.2	74.2	74.2
>=1200	14.6	69.7	70.8	71.9	73.0	73.0	73.0	73.0	74.2	74.2	74.2	74.2	75.3	75.3	75.3	75.3
>=1000	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 900	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 800	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 700	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 600	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 500	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 400	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 300	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 200	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 100	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5
>= 0	14.6	71.9	73.0	74.2	75.3	75.3	75.3	75.3	76.4	76.4	76.4	76.4	77.5	77.5	77.5	77.5

TOTAL NO. OF OPS : 89



# CEILING VS VISIBILITY

00154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 0700 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/8
UNLIMIT	26.9	54.4	55.1	55.8	56.2	56.2	56.9	56.9	56.9	58.0
>=20000	28.3	59.7	60.4	61.1	61.5	61.5	62.2	62.2	62.2	63.3
>=18000	28.3	60.4	61.1	61.8	62.2	62.2	62.9	62.9	62.9	64.0
>=16000	28.3	60.4	61.1	61.8	62.2	62.2	62.9	62.9	62.9	64.0
>=14000	28.6	60.8	61.5	62.2	62.5	62.5	63.3	63.3	63.3	64.3
>=12000	28.6	61.1	61.8	62.5	62.9	62.9	63.6	63.6	63.6	64.7
>=10000	28.6	64.0	64.7	65.4	65.7	65.7	66.4	66.4	66.4	67.5
>= 9000	28.6	64.0	64.7	65.4	65.7	65.7	66.4	66.4	66.4	67.5
>= 8000	29.3	66.4	67.1	67.8	68.2	68.2	68.9	68.9	68.9	70.0
>= 7000	29.3	66.4	67.1	67.8	68.2	68.2	68.9	68.9	68.9	70.0
>= 6000	29.3	67.1	67.8	68.5	68.9	68.9	69.6	69.6	69.6	70.7
>= 5000	29.3	67.1	67.8	68.5	68.9	68.9	69.6	69.6	69.6	70.7
>= 4500	29.3	67.1	67.8	68.5	68.9	68.9	69.6	69.6	69.6	70.7
>= 4000	29.7	68.9	69.6	70.3	70.7	70.7	71.4	71.4	71.4	72.4
>= 3500	30.7	70.3	71.0	71.7	72.1	72.1	72.8	72.8	72.8	73.9
>= 3000	30.7	71.7	72.4	73.1	73.5	73.5	74.2	74.2	74.2	75.3
>= 2500	31.1	73.9	74.6	75.3	75.7	75.7	76.4	76.4	76.4	77.5
>= 2000	31.1	75.3	76.0	76.7	77.1	77.1	77.8	77.8	77.8	78.9
>= 1800	31.1	75.3	76.0	76.7	77.1	77.1	77.8	77.8	77.8	78.9
>= 1500	31.3	77.4	78.1	78.8	79.2	79.2	79.9	79.9	79.9	81.0
>= 1200	31.8	77.7	78.4	79.1	79.5	79.5	80.2	80.2	80.2	81.3
>= 1000	31.9	77.7	78.4	79.1	79.5	79.5	80.2	80.2	80.2	81.3
>= 900	31.9	78.1	78.8	79.5	80.2	80.2	80.9	80.9	80.9	82.0
>= 800	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 700	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 600	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 500	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 400	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 300	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 200	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 100	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3
>= 0	31.9	78.4	79.1	79.8	80.5	80.5	81.2	81.2	81.2	82.3

TOTAL NO. OF OPS : 283

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 1000 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	36.6	58.9	59.4	60.3	62.5	62.5	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=20000	37.5	63.1	63.7	64.5	66.8	66.8	68.2	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>=10000	37.5	63.7	64.2	65.1	67.3	67.3	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>=16000	37.5	63.7	64.2	65.1	67.3	67.3	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>=14000	38.3	64.8	65.4	66.2	68.7	68.7	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=12000	40.0	67.0	67.6	68.5	71.0	71.0	72.4	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>=10000	40.3	68.5	69.0	69.9	72.4	72.4	73.8	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>=9000	40.3	68.5	69.0	69.9	72.4	72.4	73.8	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>=8000	40.6	71.5	72.1	73.0	75.5	75.5	76.9	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>=7000	40.8	72.1	72.7	73.5	76.3	76.3	77.7	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
>=6000	41.1	72.4	73.0	73.8	76.6	76.6	78.0	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>=5000	41.7	73.0	73.5	74.4	77.2	77.2	78.6	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>=4500	41.7	73.0	73.5	74.4	77.2	77.2	78.6	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>=4000	42.0	74.4	74.9	75.8	78.6	78.6	80.0	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=3500	42.5	76.3	76.9	78.0	80.8	80.8	82.8	82.8	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>=3000	43.1	78.3	78.9	80.0	83.4	83.4	85.6	85.6	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
>=2500	43.9	79.7	80.3	81.4	84.8	84.8	87.0	87.0	87.3	87.9	88.2	88.2	88.2	88.2	88.2	88.2
>=2000	45.4	82.8	83.7	84.8	88.5	88.5	90.7	90.7	91.0	91.5	92.1	92.1	92.1	92.1	92.1	92.1
>=1800	45.4	82.8	83.7	84.8	88.5	88.5	90.7	90.7	91.0	91.5	92.1	92.1	92.1	92.1	92.1	92.1
>=1500	45.4	83.4	84.2	85.4	89.0	89.0	91.5	91.5	91.8	92.4	93.0	93.0	93.0	93.0	93.0	93.0
>=1200	45.4	83.7	84.5	85.6	89.6	89.6	92.4	92.4	93.0	93.5	94.1	94.1	94.1	94.1	94.1	94.1
>=1000	45.4	83.7	84.5	85.6	90.1	90.7	93.8	93.8	94.4	94.9	95.5	95.5	95.5	95.5	95.5	95.5
>=900	45.4	83.7	84.5	85.6	90.1	90.7	93.8	93.8	94.4	94.9	95.5	95.5	95.5	95.5	95.5	95.5
>=800	45.4	83.7	84.5	85.6	90.1	90.7	93.8	93.8	94.4	94.9	95.5	95.5	95.5	95.5	95.5	95.5
>=700	45.4	83.7	84.5	85.6	90.1	90.7	93.8	93.8	94.4	94.9	95.5	95.5	95.5	95.5	95.5	95.5
>=600	45.4	83.7	84.5	85.6	90.1	90.7	93.8	93.8	94.4	94.9	95.5	95.5	95.5	95.5	95.5	95.5
>=500	45.4	83.7	84.5	85.6	90.4	90.4	91.8	91.8	92.4	93.0	93.5	93.5	93.5	93.5	93.5	93.5
>=400	45.4	83.7	84.5	85.6	90.4	90.4	91.8	91.8	92.4	93.0	93.5	93.5	93.5	93.5	93.5	93.5
>=300	45.4	83.7	84.5	85.9	90.7	90.7	92.1	92.1	92.7	93.3	93.8	93.8	93.8	93.8	93.8	93.8
>=200	45.4	83.7	84.5	85.9	90.7	90.7	92.1	92.1	92.7	93.3	93.8	93.8	93.8	93.8	93.8	93.8
>=100	45.4	83.7	84.5	85.9	90.7	90.7	92.1	92.1	92.7	93.3	93.8	93.8	93.8	93.8	93.8	93.8
>=0	45.4	83.7	84.5	85.9	90.7	90.7	92.1	92.1	92.7	93.3	93.8	93.8	93.8	93.8	93.8	93.8

TOTAL NO. OF OBS : 355

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 1300 LST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	36.9	62.0	62.6	64.3	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
>=20000	39.5	68.7	69.3	71.1	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=18000	39.9	69.0	69.6	71.3	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=16000	39.8	69.0	69.6	71.3	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=14000	39.9	69.3	69.9	71.6	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=12000	40.4	71.1	71.6	73.4	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>=10000	40.6	72.5	73.1	74.9	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=9000	40.9	72.8	73.4	75.1	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=8000	42.1	76.0	76.6	78.4	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>=7000	42.1	76.6	77.2	78.9	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>=6000	42.4	76.9	77.5	79.2	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>=5000	42.4	76.9	77.5	79.2	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>=4500	42.7	77.3	78.4	80.1	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=4000	43.3	79.5	80.1	81.9	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>=3500	43.6	81.3	81.9	83.6	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>=3000	44.4	84.2	84.8	86.5	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>=2500	45.9	86.3	87.1	89.2	90.4	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
>=2000	46.2	87.1	88.3	90.6	92.1	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>=1800	46.2	87.1	88.3	90.6	92.1	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>=1500	46.5	88.0	89.5	92.1	93.9	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>=1200	46.9	88.6	90.1	92.7	94.7	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=1000	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=900	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=800	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=700	46.9	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=600	46.9	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=500	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=400	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=300	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=200	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=100	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=0	46.8	88.6	90.1	92.7	95.6	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NO. OF OBS : 342

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 MONTH : DEC  
CLASS : ALL WEATHER HOUR : 1600 LST  
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	32.5	60.1	61.8	64.2	65.4	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	67.2
>=20000	34.6	65.4	67.5	69.8	71.3	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.4
>=19000	34.6	66.0	69.0	70.4	71.9	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7	74.0
>=18000	34.6	66.0	68.0	70.4	71.9	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7	74.0
>=17000	35.2	66.6	68.9	71.3	72.8	73.7	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.9	74.9	74.9	75.1
>=16000	35.5	67.8	70.1	72.5	74.0	74.9	75.1	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.3
>=15000	36.7	70.7	73.1	75.4	77.5	78.4	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.9
>=14000	37.0	71.0	73.4	75.7	77.8	78.7	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	80.2
>=13000	37.3	73.7	76.0	78.4	80.5	81.4	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.5	82.5	82.5	83.1
>=12000	37.3	73.7	76.0	78.4	80.5	81.4	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.5	82.5	82.5	83.1
>=11000	37.9	74.6	76.9	79.3	81.7	82.5	82.8	83.4	83.4	83.4	83.4	83.4	83.7	84.0	84.0	84.0	84.3
>=10000	38.5	75.4	77.8	80.2	82.5	83.4	83.7	84.3	84.3	84.3	84.3	84.3	84.6	84.9	84.9	84.9	85.2
>=9000	38.5	75.7	78.1	80.5	82.8	83.7	84.0	84.6	84.6	84.6	84.6	84.6	84.9	85.2	85.2	85.2	85.5
>=8000	39.3	77.5	79.9	82.2	84.6	85.5	85.8	86.4	86.4	86.4	86.4	86.4	86.7	87.0	87.0	87.0	87.3
>=7000	40.2	79.3	81.7	84.0	86.4	87.3	87.6	88.2	88.2	88.2	88.2	88.2	88.5	88.8	88.8	88.8	89.1
>=6000	40.2	80.5	83.1	85.5	88.2	89.1	89.3	89.9	89.9	89.9	89.9	89.9	90.2	90.5	90.5	90.5	90.8
>=5000	40.8	82.0	84.9	87.3	89.9	90.8	91.1	91.7	91.7	91.7	91.7	91.7	92.0	92.3	92.3	92.3	92.6
>=4000	41.4	82.8	85.8	88.2	91.1	92.0	92.3	92.9	92.9	92.9	92.9	92.9	93.2	93.5	93.5	93.5	93.8
>=3000	41.4	83.7	87.0	89.9	93.2	94.1	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.6	95.6	95.6	95.9
>=2000	41.4	83.7	87.0	89.9	93.2	94.1	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.6	95.6	95.6	95.9
>=1000	41.7	84.0	87.9	91.1	94.7	95.6	95.9	96.4	96.4	96.4	96.4	96.4	97.0	97.3	97.3	97.3	97.6
>=800	41.7	84.3	88.2	91.4	95.0	95.9	96.2	96.7	96.7	96.7	96.7	96.7	97.6	97.9	97.9	97.9	98.2
>=700	41.7	84.3	88.2	91.4	95.3	96.4	96.7	97.3	97.3	97.3	97.3	97.3	98.2	98.5	98.5	98.5	98.8
>=600	41.7	84.3	88.2	91.4	95.3	96.4	96.7	97.6	97.6	97.6	97.6	97.6	98.5	98.8	98.8	98.8	99.1
>=500	41.7	84.3	88.2	91.7	95.6	96.7	97.0	97.9	97.9	97.9	97.9	97.9	98.8	99.1	99.1	99.1	99.4
>=400	41.7	84.3	88.2	91.7	95.6	97.0	97.3	98.2	98.2	98.2	98.2	98.2	99.4	99.7	99.7	99.7	100.0
>=300	41.7	84.3	88.2	91.7	95.6	97.0	97.3	98.2	98.2	98.2	98.2	98.2	99.4	99.7	99.7	99.7	100.0
>=200	41.7	84.3	88.2	91.7	95.6	97.0	97.3	98.2	98.2	98.2	98.2	98.2	99.4	99.7	99.7	99.7	100.0
>=100	41.7	84.3	88.2	91.7	95.6	97.0	97.3	98.2	98.2	98.2	98.2	98.2	99.4	99.7	99.7	99.7	100.0
>=0	41.7	84.3	88.2	91.7	95.6	97.0	97.3	98.2	98.2	98.2	98.2	98.2	99.4	99.7	99.7	99.7	100.0

TOTAL NO. OF OPS : 338

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	11.9	56.3	58.7	60.0	65.0	65.0	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
>=20000	11.9	59.4	61.9	63.1	68.1	68.1	70.0	70.6	70.6	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2
>=18000	11.9	59.4	61.9	63.1	68.1	68.1	70.0	70.6	70.6	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2
>=16000	11.9	59.4	61.9	63.1	68.1	68.1	70.0	70.6	70.6	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2
>=14000	11.9	59.4	61.9	63.1	68.1	68.1	70.0	70.6	70.6	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2
>=12000	11.9	61.9	64.4	65.6	70.6	70.6	73.1	74.4	74.4	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0
>=10000	11.9	64.4	67.5	68.8	73.7	73.7	76.2	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
>=9000	11.9	64.4	67.5	68.8	73.7	73.7	76.2	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
>=8000	11.9	65.6	68.8	70.0	75.0	75.0	77.5	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0
>=7000	11.9	65.6	68.8	70.0	75.0	75.0	77.5	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0
>=6000	11.9	66.2	69.4	70.6	75.6	75.6	78.1	80.0	80.0	80.0	80.0	80.6	80.6	80.6	80.6	80.6	80.6
>=5000	11.9	66.9	70.0	71.2	76.2	76.2	78.7	80.6	80.6	80.6	80.6	81.3	81.3	81.3	81.3	81.3	81.3
>=4500	11.9	66.9	70.0	71.2	76.2	76.2	78.7	80.6	80.6	80.6	80.6	81.3	81.3	81.3	81.3	81.3	81.3
>=4000	12.5	68.1	71.2	72.5	77.5	77.5	80.0	81.9	81.9	81.9	81.9	82.5	82.5	82.5	82.5	82.5	82.5
>=3500	12.5	70.0	73.1	74.4	79.4	79.4	81.9	83.7	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4
>=3000	12.5	71.2	74.4	76.2	81.3	81.3	83.7	85.6	85.6	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2
>=2500	12.5	73.7	77.5	79.4	85.0	85.0	87.5	89.4	89.4	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0
>=2000	12.5	74.4	78.1	80.6	86.2	86.2	88.7	90.6	90.6	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2
>=1800	12.5	74.4	78.1	80.6	86.2	86.2	88.7	90.6	90.6	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2
>=1500	12.5	75.6	79.4	81.9	87.5	87.5	90.0	91.9	91.9	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5
>=1200	12.5	75.6	79.4	82.5	88.1	88.1	90.6	92.5	92.5	92.5	92.5	93.1	93.1	93.1	93.1	93.1	93.1
>=1000	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=900	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=800	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=700	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=600	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=500	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=400	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=300	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=200	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=100	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0
>=0	12.5	76.9	80.6	83.7	89.4	89.4	92.5	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NO. OF OPS : 160

## 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
CLASS : ALL WEATHER  
CONDITION : NONE SPECIFIED

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : DEC  
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

## VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	13.3	56.2	58.1	62.9	63.8	63.8	63.8	64.8	64.8	64.8	64.8	64.8	65.7	65.7	65.7	66.7
>=20000	13.3	52.0	61.0	65.7	66.7	66.7	66.7	67.6	67.6	67.6	67.6	67.6	68.6	68.6	68.6	69.5
>=18000	13.3	59.0	61.0	65.7	66.7	66.7	66.7	67.6	67.6	67.6	67.6	67.6	68.6	68.6	68.6	69.5
>=16000	13.3	59.0	61.0	65.7	66.7	66.7	66.7	67.6	67.6	67.6	67.6	67.6	68.6	68.6	68.6	69.5
>=14000	13.3	59.0	61.0	65.7	66.7	66.7	66.7	67.6	67.6	67.6	67.6	67.6	68.6	68.6	68.6	69.5
>=12000	13.3	60.0	61.9	66.7	67.6	67.6	67.6	68.6	68.6	68.6	68.6	68.6	69.5	69.5	69.5	70.5
>=10000	13.3	61.9	63.8	68.6	69.5	69.5	69.5	70.5	70.5	70.5	70.5	70.5	71.4	71.4	71.4	72.4
>=9000	13.3	61.9	63.8	68.6	69.5	69.5	69.5	70.5	70.5	70.5	70.5	70.5	71.4	71.4	71.4	72.4
>=8000	13.3	63.8	65.7	70.5	71.4	71.4	71.4	72.4	72.4	72.4	72.4	72.4	73.3	73.3	73.3	74.3
>=7000	13.3	63.8	65.7	70.5	71.4	71.4	71.4	72.4	72.4	72.4	72.4	72.4	73.3	73.3	73.3	74.3
>=6000	13.3	63.8	65.7	70.5	72.4	72.4	72.4	73.3	73.3	73.3	73.3	73.3	74.3	74.3	74.3	75.2
>=5000	13.3	63.8	65.7	70.5	72.4	72.4	72.4	73.3	73.3	73.3	73.3	73.3	74.3	74.3	74.3	75.2
>=4500	13.3	63.8	65.7	70.5	72.4	72.4	72.4	73.3	73.3	73.3	73.3	73.3	74.3	74.3	74.3	75.2
>=4000	13.3	63.9	65.7	70.5	72.4	72.4	72.4	73.3	73.3	73.3	73.3	73.3	74.3	74.3	74.3	75.2
>=3500	13.3	64.8	66.7	71.4	73.3	73.3	73.3	74.3	74.3	74.3	74.3	74.3	75.2	75.2	75.2	76.2
>=3000	13.3	65.7	68.6	73.3	75.2	75.2	75.2	76.2	76.2	76.2	76.2	76.2	77.1	77.1	77.1	78.1
>=2500	13.3	67.6	70.5	75.2	77.1	77.1	77.1	78.1	78.1	78.1	78.1	78.1	79.0	79.0	79.0	80.0
>=2000	13.3	67.6	70.5	76.2	78.1	78.1	78.1	79.0	79.0	79.0	79.0	79.0	80.0	80.0	80.0	81.0
>=1800	13.3	67.6	70.5	76.2	78.1	78.1	78.1	79.0	79.0	79.0	79.0	79.0	80.0	80.0	80.0	81.0
>=1500	13.3	67.6	72.4	78.1	81.9	81.9	81.9	82.9	82.9	82.9	82.9	82.9	83.8	83.8	83.8	84.8
>=1200	13.3	67.6	72.4	78.1	81.9	81.9	81.9	82.9	82.9	82.9	82.9	82.9	83.8	83.8	83.8	84.8
>=1000	13.3	67.6	72.4	78.1	82.9	82.9	82.9	83.8	83.8	83.8	83.8	83.8	84.8	84.8	84.8	85.7
>=900	13.3	67.6	72.4	78.1	82.9	82.9	82.9	83.8	83.8	83.8	83.8	83.8	84.8	84.8	84.8	85.7
>=800	13.3	67.6	72.4	78.1	82.9	82.9	82.9	83.8	83.8	83.8	83.8	83.8	84.8	84.8	84.8	85.7
>=700	13.3	67.6	72.4	78.1	82.9	82.9	82.9	83.8	83.8	83.8	83.8	83.8	84.8	84.8	84.8	85.7
>=600	13.3	67.6	72.4	78.1	83.8	83.8	83.8	84.8	84.8	84.8	84.8	84.8	85.7	85.7	85.7	86.7
>=500	13.3	68.6	73.3	79.0	84.8	84.8	84.8	85.7	85.7	85.7	85.7	85.7	86.7	86.7	86.7	87.6
>=400	13.3	68.6	73.3	79.0	84.8	84.8	84.8	85.7	85.7	85.7	85.7	85.7	86.7	86.7	86.7	87.6
>=300	13.3	68.6	73.3	79.0	84.8	84.8	84.8	85.7	85.7	85.7	85.7	85.7	86.7	86.7	86.7	87.6
>=200	13.3	68.6	73.3	79.0	84.8	84.8	84.8	85.7	85.7	85.7	85.7	85.7	86.7	86.7	86.7	87.6
>=100	13.3	68.6	73.3	79.0	84.8	84.8	84.8	85.7	85.7	85.7	85.7	85.7	86.7	86.7	86.7	87.6
>=0	13.3	68.6	73.3	79.0	84.8	84.8	84.8	85.7	85.7	85.7	85.7	85.7	86.7	86.7	86.7	87.6

TOTAL NO. OF OPS : 175

# 2 - CEILING VS VISIBILITY

003154 : CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : DEC  
 CLASS : ALL WEATHER HOUR : ALL  
 CONDITION : NONE SPECIFIED

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	28.8	58.8	59.9	61.6	63.1	63.4	64.1	64.4	64.4	64.7	64.9	65.2	65.2	65.3	65.5
>=2000	30.1	63.5	64.7	66.5	68.0	68.3	69.1	69.4	69.4	69.7	70.0	70.2	70.2	70.4	70.5
>=1800	30.2	63.9	65.1	66.9	68.4	68.7	69.5	69.8	69.8	70.1	70.4	70.6	70.6	70.8	70.9
>=1600	30.2	63.9	65.1	66.9	68.4	68.7	69.5	69.8	69.8	70.1	70.4	70.6	70.6	70.8	70.9
>=1400	30.5	64.4	65.7	67.4	69.0	69.3	70.1	70.5	70.6	70.8	71.1	71.4	71.4	71.5	71.7
>=1200	31.0	65.8	67.1	68.8	70.4	70.7	71.6	72.0	72.1	72.3	72.6	72.9	72.9	73.0	73.2
>=1000	31.4	67.9	69.2	70.9	72.6	72.9	73.4	74.4	74.4	74.7	75.0	75.3	75.3	75.4	75.6
>=900	31.5	68.0	69.3	71.0	72.8	73.1	74.0	74.5	74.5	74.8	75.1	75.4	75.4	75.5	75.7
>=800	31.9	70.4	71.7	73.5	75.2	75.5	76.4	76.9	77.0	77.2	77.6	77.9	77.9	78.0	78.2
>=700	32.0	70.6	72.0	73.7	75.6	75.9	76.8	77.4	77.4	77.6	78.0	78.3	78.3	78.4	78.6
>=600	32.2	71.0	72.3	74.0	76.0	76.3	77.2	77.8	77.8	78.0	78.4	78.7	78.7	78.8	79.0
>=500	32.5	71.5	72.8	74.5	76.5	76.8	77.1	78.0	78.3	78.6	79.0	79.2	79.2	79.4	79.5
>=450	32.5	71.7	73.1	74.8	76.8	77.1	78.0	78.5	78.6	78.8	79.2	79.5	79.5	79.6	79.8
>=400	33.0	73.1	74.4	76.1	78.2	78.4	79.4	79.9	79.9	80.2	80.6	80.8	80.8	81.0	81.1
>=350	33.4	74.8	76.1	77.9	79.9	80.2	81.2	81.7	81.8	82.0	82.4	82.7	82.7	82.8	83.0
>=300	33.8	76.4	77.0	79.8	82.2	82.5	83.5	84.1	84.1	84.3	84.7	85.0	85.0	85.1	85.3
>=250	34.4	78.4	80.0	82.0	84.5	84.9	86.0	86.6	86.6	87.0	87.5	87.8	87.8	87.9	88.1
>=200	34.9	79.9	81.7	83.9	86.7	87.1	88.2	88.9	88.9	89.3	89.9	90.2	90.2	90.3	90.5
>=180	34.9	79.9	81.7	83.9	86.8	87.1	88.3	88.9	89.0	89.4	90.0	90.3	90.3	90.4	90.6
>=150	35.0	80.8	82.9	85.4	88.5	89.1	90.3	90.9	91.1	91.6	92.3	92.5	92.5	92.7	92.8
>=120	35.1	81.1	83.1	85.7	88.9	89.4	90.9	91.7	91.8	92.3	92.9	93.2	93.2	93.3	93.5
>=100	35.1	81.3	83.4	86.1	89.7	90.3	92.2	93.3	93.4	94.2	94.8	95.1	95.1	95.2	95.4
>=90	35.1	81.4	83.5	86.2	89.9	90.4	92.4	93.6	93.6	94.5	95.1	95.5	95.5	95.6	95.8
>=80	35.1	81.4	83.7	86.3	90.1	90.8	92.9	94.2	94.3	95.2	95.9	96.2	96.2	96.3	96.5
>=70	35.1	81.4	83.7	86.3	90.1	90.8	92.9	94.2	94.3	95.4	96.0	96.3	96.3	96.4	96.6
>=60	35.1	81.4	83.7	86.3	90.1	90.9	93.1	94.6	94.7	95.9	96.6	97.0	97.0	97.1	97.2
>=50	35.1	81.5	83.7	86.4	90.3	91.1	93.3	94.8	94.9	96.2	97.0	97.4	97.4	97.6	97.8
>=40	35.1	81.5	83.7	86.4	90.3	91.2	93.4	95.0	95.0	96.4	97.3	97.9	97.9	98.2	98.3
>=30	35.1	81.5	83.7	86.5	90.4	91.2	93.5	95.2	95.3	96.8	97.8	98.3	98.3	98.7	98.9
>=20	35.1	81.5	83.7	86.5	90.4	91.2	93.5	95.2	95.3	96.8	97.8	98.3	98.3	98.7	99.0
>=10	35.1	81.5	83.7	86.5	90.4	91.2	93.5	95.2	95.3	96.8	97.9	98.5	98.5	98.9	99.5
>=0	35.1	81.5	83.7	86.5	90.4	91.2	93.5	95.2	95.3	96.6	97.9	98.6	98.6	99.1	100.0

TOTAL NO. OF OBS : 1744

# 2 - CEILING VS VISIBILITY

R

003154 : CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 CLASS : ALL WEATHER  
 CONDITION : NONE SPECIFIED

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : ANN  
 HOUR : ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.1	53.7	55.7	57.3	58.6	58.9	59.3	59.5	59.6	59.7	59.8	59.8	59.9	59.9	59.9	60.0
>=20000	25.0	56.7	58.8	60.5	61.8	62.1	62.7	62.9	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.4
>=18000	25.1	57.1	59.1	60.8	62.2	62.5	63.0	63.2	63.3	63.5	63.5	63.5	63.6	63.6	63.7	63.7
>=16000	25.1	57.1	59.2	60.8	62.2	62.5	63.0	63.3	63.3	63.5	63.5	63.6	63.7	63.7	63.7	63.8
>=14000	25.3	57.5	59.6	61.3	62.6	63.3	63.5	63.7	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.2
>=12000	25.6	58.2	60.3	62.1	63.5	63.8	64.3	64.6	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.1
>=10000	26.1	59.7	62.0	63.8	65.2	65.6	66.1	66.4	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.9
>=9000	26.2	59.9	62.2	63.9	65.4	65.7	66.3	66.5	66.6	66.7	66.8	66.8	66.9	66.9	67.0	67.0
>=8000	26.6	61.1	63.5	65.3	66.7	67.0	67.6	67.9	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.4
>=7000	26.8	61.2	63.8	65.6	67.1	67.5	68.0	68.3	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.8
>=6000	27.0	61.7	64.1	65.9	67.4	67.7	68.3	68.5	68.6	68.8	68.8	68.9	68.9	68.9	69.0	69.1
>=5000	27.2	62.2	64.6	66.5	68.0	68.3	68.9	69.1	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.7
>=4500	27.3	62.5	64.9	66.7	68.2	68.5	69.1	69.4	69.4	69.6	69.7	69.7	69.8	69.8	69.9	69.9
>=4000	27.6	63.4	65.2	67.7	69.2	69.5	70.1	70.4	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.9
>=3500	28.1	65.0	67.5	69.4	70.9	71.2	71.8	72.1	72.1	72.3	72.4	72.4	72.5	72.5	72.6	72.6
>=3000	29.0	68.2	70.7	72.7	74.3	74.7	75.2	75.5	75.6	75.8	75.8	75.8	75.9	75.9	76.0	76.1
>=2500	29.6	70.4	73.1	75.2	76.8	77.2	77.8	78.1	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.7
>=2000	30.1	72.8	76.0	78.7	80.1	80.6	81.2	81.5	81.5	81.6	81.9	81.9	82.0	82.0	82.0	82.1
>=1800	30.2	73.1	76.2	78.6	80.4	80.9	81.5	81.8	81.8	82.1	82.2	82.2	82.3	82.3	82.3	82.4
>=1500	30.5	75.7	79.5	82.4	84.7	85.2	86.0	86.3	86.4	86.7	86.8	86.8	86.9	86.9	86.9	87.0
>=1200	30.6	76.6	80.8	84.3	87.1	87.7	88.6	89.0	89.0	89.3	89.4	89.4	89.5	89.5	89.6	89.7
>=1000	30.7	77.4	82.0	86.2	89.0	90.3	92.1	92.6	92.7	93.1	93.2	93.2	93.3	93.3	93.4	93.5
>=900	30.7	77.5	82.2	86.5	90.3	91.4	92.7	93.3	93.4	93.8	93.9	93.9	94.1	94.1	94.1	94.2
>=800	30.7	77.7	82.5	86.9	91.0	92.3	93.9	94.6	94.7	95.2	95.4	95.4	95.6	95.6	95.6	95.7
>=700	30.7	77.7	82.6	87.1	91.3	92.6	94.3	95.1	95.2	95.8	96.0	96.0	96.2	96.2	96.2	96.3
>=600	30.7	77.7	82.7	87.2	91.5	92.9	94.8	95.7	95.8	96.5	96.7	96.7	96.9	96.9	97.0	97.1
>=500	30.7	77.8	82.8	87.3	91.7	93.2	95.2	96.3	96.5	97.4	97.6	97.6	97.9	97.9	98.0	98.1
>=400	30.7	77.8	82.8	87.4	91.7	93.2	95.4	96.5	96.7	97.8	98.0	98.0	98.4	98.4	98.5	98.7
>=300	30.7	77.8	82.8	87.4	91.7	93.2	95.4	96.7	96.8	98.0	98.3	98.4	98.8	98.8	99.0	99.2
>=200	30.7	77.8	82.8	87.4	91.7	93.3	95.4	96.7	96.9	98.1	98.5	98.5	99.0	99.0	99.2	99.5
>=100	30.7	77.8	82.8	87.4	91.8	93.3	95.4	96.7	96.9	98.1	98.5	98.5	99.0	99.0	99.3	99.7
>=0	30.7	77.8	82.8	87.4	91.8	93.3	95.4	96.7	96.9	98.1	98.5	98.5	99.1	99.1	99.4	100.0

TOTAL NO. OF ONS : 22242



## 2 - PSYCHROMETRIC SUMMARY

003154 CAMP PENDLETON, CA  
H  
LAT. : 33 14N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 MONTH : JAN  
PAGE 1

[illegible][illegible]

3 - PSYCHROMETRIC SUMMARY

003154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JAN PAGE 2

DRY-BULB		2. FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																TOTAL		TOTAL OBS	
TEMP.	C	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	W.B.	DRY	WET	DEW
(DEG F)																		BULB			PT.
TOTAL	5.7	21.1	19.7	14.2	10.5	8.2	5.8	4.2	3.5	2.1	2.2	1.2	1.1	.5	.2	.1	.0	1823	1826	1826	1826

ELEMENTIX)		SUM X	SUM X**2	MEAN STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.										TOTAL	
						<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F						
28 - REL HUM	120833.	8950531.	66.3	22.731	1823												
15 - DRY BULB	102325.	5981663.	56.3	10.242	1826												
16 - WET BULB	97682.	4608990.	49.7	7.340	1823	509.7	525.7	2.0	.4	.0	.0						
17 - DEW PT.	78632.	3565186.	43.1	9.906	1826	.4	115.3	.8	.0	.0	.0						

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD: 1966-1987

LAT. : 33 38N LONG. : 117 21W ELEV. : 76 FT  
PAGE 1

PAGE 1

DRY - BULB

TEMP.

2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL

TOTAL OBS

DRY LET DEW  
BULB BULB PT.

[illegible]

# 3 - PSYCHROMETRIC SUMMARY

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : FEB PAGE 2

DRY-BULB 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL TOTAL GBS  
 TEMP. W.B. D.B./ DRY WET DEW  
 (DEG F) W.B. BULB BULB PT.

TOTAL 5.0 19.4 22.4 16.7 11.8 8.0 5.6 2.0 2.3 2.1 1.2 1.2 .8 .4 .1 .0 .0 1830 1788 1788

ELEMENT(X) SUM X SUM X\*\*2 MEAN STD DEV # OBS 40 - MEAN NO. OF HOURS WITH TEMP.

28 - REL HUM 121371. 8983445. 67.9 20.414 1798  
 15 - DRY BULB 103492. 6031870. 56.6 9.895 1830  
 16 - WET BULB 90225. 4643201. 50.5 7.109 1788  
 17 - DEW PT. 79542. 3677626. 44.5 8.328 1788

<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL  
 .0 4.8 83.0 31.2 9.9 .0 672  
 452.5 463.4 1.1 .0 .0 .0 672  
 .0 76.3 .0 .0 .0 .0 672



# 3 - PSYCHROMETRIC SUMMARY

003154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAR PAGE 2

2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) TOTAL TOTAL OBS  
 W.B. DRY WET DEW  
 (DEG F) W.B. BULB PT.

TOTAL 4.9 22.0 21.5 18.5 13.5 7.8 4.7 2.0 1.2 1.3 1.0 .7 .6 .2 .1 .0\* .0 2060 2060 2060

ELEMENT(X) SUM X SUM X\*\*2 MEAN STD DEV # OBS 40 - MEAN NO. OF HOURS WITH TEMP.  
 <=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL  
 28 - REL HUM 146608. 11133838. 71.2 18.437 2060  
 15 - DRY BULB 119352. 7082658. 57.9 9.324 2060  
 16 - WET BULB 107742. 5714409. 52.3 6.206 2060  
 17 - DEW PT. 97638. 4727189. 47.4 6.949 2060

003154 CAMP PENDLETON. CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18' LONG. : 117 21' ELEV. : 76 FT  
MONTH : APR PAGE 1

PAGE 1

CRY-BULB TEMP. (DEG F)		2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL		TOTAL QRS	
C		1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	O.B./ W.B.	DRY RULB	WET RULB	DEW PT.	
>> 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	0	0
>> 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	0	0
>> 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>> 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>> 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>> 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	11	0	0
>> 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	0	0
>> 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	0	0
>> 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	0	0
>> 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	42	42	0	0
>> 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63	63	0	0
>> 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	97	97	4	0
>> 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	139	139	6	0
>> 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	150	150	17	1
>> 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	174	174	39	3
>> 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	183	183	117	14
>> 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	184	184	177	26
>> 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	195	195	281	59
>> 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	132	132	307	114
>> 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	94	94	302	217
>> 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	72	72	212	277
>> 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	72	72	160	309
>> 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	64	64	95	261
>> 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	43	43	59	196
>> 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	24	54	146
>> 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	28	99
>> 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	18	49
>> 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	6	38
>> 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	28
>> 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11
>> 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	14
>> 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	13
>> 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>> 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>> 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
TOTAL	1.9	14.6	16.7	21.7	15.8	12.0	6.5	3.4	2.3	1.3	1.1	.5	.6	.5	.5	.4	.1	.1	1887	1887	1867	1867

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
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40 - MEAN NO. OF HOURS WITH TEMP.
<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

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25	ALL MONTH	1242208	5801032	118077	1887
15	- DRY BULB	115415	2707969	61.2	8.8P3
16	- WET BULB	101885	5568107	54.1	5.275
17	- DEW PT.	91171	4471007	48.3	5.915

Year	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1959	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1986-1987LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAY  
PAGE 1

DRY-BULB TEMP. (DEG F)

DRY-BULB		X FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																		TOTAL		TOTAL OBS	
TEMP.	C	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0.8-1	DRY	WET	DEW		
(DEG F)																		W.B.	RULB	BULB	PT.		
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOTAL	1.2	10.8	19.3	25.3	16.8	14.1	7.4	2.4	.8	.4	.5	.1	.1	.2	.0	.0	.0	1809	1809	1809	1809		

ELEMENT(x)

SUM X SUM X\*\*2 MEAN STD DEV # OBS

40 - MEAN NO. OF HOURS WITH TEMP.

&lt;=0 F &lt;=32 F &gt;=67 F &gt;=73 F &gt;=80 F &gt;=93 F TOTAL

28 - REL HUM	124317.	8889665.	68.7	12.342	1809
15 - DRY BULB	116104.	7526728.	64.2	6.442	1809
16 - WET BULB	104492.	6067682.	57.8	4.206	1809
17 - DEW PT.	95942.	5128114.	53.0	4.698	1809

516.2	516.2	259.5	67.9	13.2	.0	744
.0	.0	.0	.0	.0	.0	744
.0	.0	.8	.0	.0	.0	744





3 - PSYCHROMETRIC SUMMARY

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 12N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JUN

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DRY-BULB TEMP. (DEG F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL TOTAL OBS  
(DEG F) W.B. DRY WET DEW  
W.B. BULB PT.

TOTAL 1.6 8.8 19.3 25.4 18.1 11.9 9.9 1.7 .9 .7 .3 .2 .1 .1 .3 .1 .5 1824 1821 1824

ELEMENT(X) SUM X SUM X\*\*2 MEAN STD DEV # OBS 40 - MEAN NO. OF HOURS WITH TEMP.  
<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL  
28 - REL HUM 125300. 9046712. 69.1 13.987 1821  
15 - DRY BULB 123393. 8434347. 67.6 6.902 1824  
16 - WET BULB 110369. 6776957. 60.9 3.841 1821  
17 - DEW PT. 102309. 5329669. 56.4 4.374 1824  
32.8 6.3 720  
2.8 .0 .0 720  
7.5 .0 .0 720

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 19N LONG. : 117 21W ELFV. : 76 FT  
MONTH : JUL

Oct 1967

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[illegible]

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
1	1	1	1	0	1
2	2	4	2	0	1
3	3	9	3	0	1
4	4	16	4	0	1
5	5	25	5	0	1
6	6	36	6	0	1
7	7	49	7	0	1
8	8	64	8	0	1
9	9	81	9	0	1
10	10	100	10	0	1
11	11	121	11	0	1
12	12	144	12	0	1
13	13	169	13	0	1
14	14	196	14	0	1
15	15	225	15	0	1
16	16	256	16	0	1
17	17	289	17	0	1
18	18	324	18	0	1
19	19	361	19	0	1
20	20	400	20	0	1
21	21	441	21	0	1
22	22	484	22	0	1
23	23	529	23	0	1
24	24	576	24	0	1
25	25	625	25	0	1
26	26	676	26	0	1
27	27	729	27	0	1
28	28	784	28	0	1
29	29	841	29	0	1
30	30	900	30	0	1
31	31	961	31	0	1
32	32	1024	32	0	1
33	33	1089	33	0	1
34	34	1156	34	0	1
35	35	1225	35	0	1
36	36	1296	36	0	1
37	37	1369	37	0	1
38	38	1444	38	0	1
39	39	1521	39	0	1
40	40	1600	40	0	1
41	41	1681	41	0	1
42	42	1764	42	0	1
43	43	1849	43	0	1
44	44	1936	44	0	1
45	45	2025	45	0	1
46	46	2116	46	0	1
47	47	2209	47	0	1
48	48	2304	48	0	1
49	49	2401	49	0	1
50	50	2500	50	0	1
51	51	2601	51	0	1
52	52	2704	52	0	1
53	53	2809	53	0	1
54	54	2916	54	0	1
55	55	3025	55	0	1
56	56	3136	56	0	1
57	57	3249	57	0	1
58	58	3364	58	0	1
59	59	3481	59	0	1
60	60	3600	60	0	1
61	61	3721	61	0	1
62	62	3844	62	0	1
63	63	3969	63	0	1
64	64	4096	64	0	1
65	65	4225	65	0	1
66	66	4356	66	0	1
67	67	4489	67	0	1
68	68	4624	68	0	1
69	69	4761	69	0	1
70	70	4900	70	0	1
71	71	5041	71	0	1
72	72	5184	72	0	1
73	73	5329	73	0	1
74	74	5476	74	0	1
75	75	5625			

40 - MEAN NO. OF HOURS WITH TEMP.

**3 F TOTAL**

	REL HUM	67.7	14.68%	1872					
28 -	REL HUM	126672.	8975114.	67.7	14.68%	1872			
15 -	DRY BULB	134987.	9800305.	71.8	7.431	1879			
16 -	WET BULB	120325.	7768619.	64.3	4.300	1872			
17 -	DEN PT.	112227.	6747265.	59.8	4.657	1878			



GO3154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
MONTH : SEP PAGE 1

PAGE 1

DRY-BULB  
TEMP.  
(DEG F)

% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL  
D.B./  
W.B.

TOTAL OBS  
Y WET D  
B BULB F

[illegible]

# 3 - PSYCHROMETRIC SUMMARY

CO3154 CAMP PENDLETON, CA 4 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT MONTH : SEP  
 PERIOD OF RECORD : 1966-1987 PAGE 2

DRY-BULB C 1-2 3-4 5-6 7-9 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL TOTAL OBS  
 TEMP. (DEG F) W.B. BULB WET DEW  
 (DEG F) BULB PT.

TOTAL 1.0 12.3 19.9 17.1 12.7 12.2 9.0 6.0 3.1 1.0 1.3 1.0 .3 .4 .6 .3 1.1 1859 1884 1859

ELEMENT(X) SUM X SUM X\*\*2 MEAN STD DEV # OBS 40 - MEAN NO. OF HOURS WITH TEMP.  
 <=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

28 - REL HUM 125083. 9017185. 67.3 17.985 1959  
 15 - DRY BULB 134287. 9717857. 71.3 8.812 1884  
 16 - WET BULB 117942. 7537322. 63.4 5.423 1859  
 17 - DEW PT. 109967. 6520163. 58.4 7.342 1884



003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

MONTH : OCT  
PAGE 2DRY-BULB  
TEMP.  
(DEG F)

2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL  
W.B. DRY WET DEW  
BULB BULB PT.

	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	2043	2046	2043	2046
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	2.0	15.1	17.9	16.5	12.4	10.8	7.7	4.4	2.6	2.5	1.9	2.0	1.2	1.1	.5	.9	.9	.9	.9	.9

ELEMENT(X)

MEAN STD DEV # OBS

&lt;=0 F &lt;=32 F &gt;=67 F &gt;=73 F &gt;=80 F &gt;=93 F TOTAL

28 - REL HUM	133167.	9567205.	65.2	25.343	2043	.0	.0	371.6	169.1	61.1	9.1	744
15 - DRY BULB	135543.	5181315.	66.2	9.936	2046	418.4	418.4	39.0	2.5	.0	.0	744
16 - WET BULB	119111.	7025435.	58.3	6.295	2043	.0	31.3	3.6	.0	.0	.0	744
17 - DEW PT.	106734.	5730417.	52.2	8.911	2046							



MONTH : NOV

PERIOD OF RECORD : 1966-1987

PAGE

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DRY-BULB

TEMP.

(DEC 5 F)

2. FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

-6	9-17	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30
----	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

100

TOTAL TOTAL OPS

D.B. / DRY WET

W.B. BULB BULB

[illegible]

003154 CAMP PENDLETON. CA  
PERIOD OF RECORD: 1966-1987

LAT. : 33 19N LONG. : 117 21W ELEV. : 76 FT  
PAGE 2 MONTH : NOV

**PAGE 2**

DRY-BULB  
TEMP.  
ADES. F)

WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL	TOTAL QCS
D.B./	DRY WET DEW
W.B.	BULB BULE PT.

[illegible]

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
1	1	1	1	0	1
2	2	4	2	0	1
3	3	9	3	0	1
4	4	16	4	0	1
5	5	25	5	0	1
6	6	36	6	0	1
7	7	49	7	0	1
8	8	64	8	0	1
9	9	81	9	0	1
10	10	100	10	0	1
11	11	121	11	0	1
12	12	144	12	0	1
13	13	169	13	0	1
14	14	196	14	0	1
15	15	225	15	0	1
16	16	256	16	0	1
17	17	289	17	0	1
18	18	324	18	0	1
19	19	361	19	0	1
20	20	400	20	0	1
21	21	441	21	0	1
22	22	484	22	0	1
23	23	529	23	0	1
24	24	576	24	0	1
25	25	625	25	0	1
26	26	676	26	0	1
27	27	729	27	0	1
28	28	784	28	0	1
29	29	841	29	0	1
30	30	900	30	0	1
31	31	961	31	0	1
32	32	1024	32	0	1
33	33	1089	33	0	1
34	34	1156	34	0	1
35	35	1225	35	0	1
36	36	1296	36	0	1
37	37	1369	37	0	1
38	38	1444	38	0	1
39	39	1521	39	0	1
40	40	1600	40	0	1
41	41	1681	41	0	1
42	42	1764	42	0	1
43	43	1849	43	0	1
44	44	1936	44	0	1
45	45	2025	45	0	1
46	46	2116	46	0	1
47	47	2209	47	0	1
48	48	2304	48	0	1
49	49	2401	49	0	1
50	50	2500	50	0	1
51	51	2601	51	0	1
52	52	2704	52	0	1
53	53	2809	53	0	1
54	54	2916	54	0	1
55	55	3025	55	0	1
56	56	3136	56	0	1
57	57	3249	57	0	1
58	58	3364	58	0	1
59	59	3481	59	0	1
60	60	3600	60	0	1
61	61	3721	61	0	1
62	62	3844	62	0	1
63	63	3969	63	0	1
64	64	4096	64	0	1
65	65	4225	65	0	1
66	66	4356	66	0	1
67	67	4489	67	0	1
68	68	4624	68	0	1
69	69	4761	69	0	1
70	70	4900	70	0	1
71	71	5041	71	0	1
72	72	5184	72	0	1
73	73	5329	73	0	1
74	74	5476	74	0	1
75	75	5625			

40 - MEAN NO. OF HOURS WITH TEMP.

MEAN NO. OF HOURS WITH	MEAN NO. OF HOURS WITH	MEAN NO. OF HOURS WITH
<=3 F	<=32 F	<=67 F
>=80 F	>=73 F	>=93 F
TOTAL		

28 - REL HUM	115694.	9386270.	65.0	22.033	1779
28 - REL HUM	115694.	9386270.	65.0	22.033	1779

-80 F 7-93 F TOTAL

15 - DRY BUL	105191.	6768463.	60.8	10.401	1780
--------------	---------	----------	------	--------	------

24.3 .0 720

16 - WET BULB	95J66.	5168274.	53.4	7.152	1780
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720 .0 .0

17 - DEW PT.	83355.	46.9	9,328	1780
	4258205.			

0.0 0.0 720

003154 CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 LAT. : 33 14N LONG. : 117 21W ELEV. : 76 FT  
 MONTH : DEC  
 PAGE 1

DRY-BULB TEMP. (DEG F)	C	2. FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)										TOTAL		TOTAL OBS							
		1-2	3-4	5-6	7-9	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEM PT.
>= 83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0
>= 81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0
>= 79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	0	0
>= 77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0
>= 75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	0	0
>= 73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	29	0	0
>= 71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	0
>= 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	2	0
>= 67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	0	0
>= 65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	92	1	0
>= 63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	120	14	4
>= 61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126	126	23	7
>= 59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	177	177	66	9
>= 57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142	142	137	40
>= 55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	130	216	69
>= 53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	133	203	94
>= 51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	112	199	129
>= 49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	102	156	174
>= 47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	71	153	154
>= 45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	115	127
>= 43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	90	127
>= 41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	91	126
>= 39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	70	113
>= 37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	77	97
>= 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	64	93
>= 33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	41	89
>= 31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	37	78
>= 29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	17	62
>= 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6	56
>= 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	36
>= 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	21
>= 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
>= 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
>= 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
>= 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
>= 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
>= 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
>= 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
>= 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
>= 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
TOTAL	4.9	13.5	20.8	15.0	11.9	8.1	5.6	1.3	4.1	2.0	1.1	1.2	0.0	0.0	0.0	0.0	0.0	1783	1783	1783	1783

ELEMENTAL :  
 28 - REL HUM 116633.  
 15 - DRY BULB 99174.  
 11 - WIND 64587.  
 40 - MEAN NO. OF HOURS WITH TEMP.  
 <=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL  
 0.0 10.0 86.4 31.7 5.0 .0 744  
 511.2 539.3 .9 .0 .0 .0 744

CO3154 CAMP PENDLETON, CA

PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : ANN PAGE 1

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CRY-3ULB

WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL		TOTAL OPS	
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

TEMP.  
(DEG F)

8 9-17 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30

0.8. /	DRY	WET	DEW
W.8.	BULB	BULB	PT.

[illegible]

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : ANN PAGE 2

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2 FREQ. WET BULB TEMPERATURE DEPRESSION IDEG F)

	TOTAL	TOTAL CBS
D.B./	DRY	WET DEW
W.B.	RULB	BULB PT.

22483

MEAN STD DEV # OBS

40 - MEAN NO. OF HOURS WITH TEMP.			
<=0 F	<=32 F	>67 F	>73 F
>80 F	>93 F	TOTAL	

1

8760

8760

8760

# = PERCENT &lt; .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JAN  
PAGE 1

TEMP. (DEG F)	NNW & N		NNE & NE		ENE & E		ESE & S		SSE & SE		SSW & SW		WSW & W		WNW & NW		CALM		TOTAL FREQ.		% OF TOTAL	
>= 87	33.3		33.3		.0		.0		33.3		.0		.0		.0		.0		3		.2	
>= 82	5.9		29.4		.0		.0		23.5		5.9		11.8		.0		23.5		17		.9	
>= 77	2.4		4.8		4.8		9.5		21.4		35.7		4.8		.0		16.7		42		2.3	
>= 72	8.2		8.2		1.4		4.1		19.2		31.5		6.8		2.7		17.8		73		4.0	
>= 67	1.7		9.3		1.7		2.5		21.2		29.7		13.6		.8		19.5		118		6.5	
>= 62	2.5		3.7		4.6		1.7		12.1		30.0		27.5		2.5		20.4		240		13.1	
>= 57	2.7		4.6		3.0		1.6		11.2		17.6		25.4		5.7		28.1		437		23.9	
>= 52	2.9		15.0		10.5		3.7		7.4		7.1		10.3		3.7		39.5		390		20.8	
>= 47	3.5		26.1		10.6		1.8		.9		.9		3.5		2.2		50.4		226		12.4	
>= 42	4.1		15.7		9.9		.0		.0		.0		2.5		.8		66.9		121		6.6	
>= 37	3.9		10.7		5.8		.0		.0		.0		1.0		1.0		77.7		103		5.6	
>= 32	.0		5.3		1.8		3.5		.0		.0		.0		.0		89.5		57		3.1	
>= 27	.0		.0		.0		.0		14.3		.0		.0		.0		85.7		7		.4	
>= 22	.0		.0		.0		.0		.0		.0		.0		.0		100.0		2		.1	
TOTALS	3.1		11.1		6.1		2.2		8.9		13.3		13.2		3.0		38.5		1626		100.0	

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : FEB  
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		SSW		WSW		WNW		CALM		TOTAL		% OF TOTAL
	E	N	E	N	E	N	E	S	S	E	W	E	W	N	W		FREQ.		
>= 87	.0	.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.1	
>= 77	3.1	.0	3.1	.0	12.5	.0	12.5	.0	18.8	.0	18.8	.0	.0	.0	25.0	.0	16	.9	
>= 72	5.8	5.8	5.8	3.1	3.1	12.5	3.8	15.4	34.4	15.6	15.6	6.3	6.3	9.4	9.4	32	1.7		
>= 67	2.4	4.8	4.8	1.9	1.9	13.6	.8	15.4	25.0	25.0	25.0	3.8	3.8	13.5	13.5	52	2.8		
>= 62	1.8	4.6	4.6	4.0	4.0	11.6	.9	13.9	33.6	25.0	25.0	4.0	4.0	15.2	15.2	125	6.8		
>= 57	2.4	3.5	3.5	3.5	3.5	13.9	2.2	15.0	29.6	23.0	23.0	5.8	5.8	16.8	16.8	328	17.9		
>= 52	2.8	9.1	9.1	5.7	5.7	7.6	2.8	7.6	7.6	12.6	12.6	3.8	3.8	29.9	29.9	461	25.2		
>= 47	6.4	16.6	16.6	5.3	5.3	3.7	3.7	5.9	.5	2.7	2.7	1.6	1.6	57.2	57.2	197	10.2		
>= 42	6.3	20.1	20.1	9.3	9.3	.7	.7	1.4	.7	.7	.7	1.4	1.4	60.4	60.4	144	7.9		
>= 37	4.3	6.0	6.0	3.4	3.4	.0	.0	.0	.0	.0	.0	.0	.0	85.5	85.5	117	6.4		
>= 32	.0	2.3	2.3	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	95.3	95.3	43	2.3		
>= 27	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	85.7	85.7	7	.4		
TOTALS	3.3	7.5	7.5	4.5	4.5	2.1	2.1	9.5	14.3	15.4	15.4	4.2	4.2	39.3	39.3	1830	100.0		

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

QQ3154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAR  
PAGE 1

TEMP. (DEG F)	WIND DIRECTION				WIND DIRECTION				CALM	TOTAL FREQ.	% OF TOTAL
	NNW & N	NNE & NE	ESE & E	SSE & S	SSW & SW	WSW & W	NNW & NW	W			
>= 97	.0	.0	.0	66.7	.3	.0	33.3	.0	.0	3	.1
>= 92	.0	.0	.0	9.1	45.5	18.2	9.1	18.2	.0	11	.5
>= 77	2.5	2.5	2.5	10.0	27.5	32.5	7.5	15.0	.0	40	1.9
>= 72	4.2	5.6	2.8	15.3	33.3	25.0	4.2	9.7	.0	72	3.5
>= 67	1.1	3.4	.6	10.1	35.8	33.0	1.1	14.0	.0	179	8.7
>= 62	1.0	1.2	1.0	14.2	29.1	37.1	1.7	12.7	.0	402	19.5
>= 57	1.5	1.7	2.1	18.8	24.1	25.4	2.5	21.7	.0	531	25.8
>= 52	1.2	6.7	5.5	9.3	8.1	16.2	3.5	44.1	.0	345	16.7
>= 47	3.5	14.1	6.2	3.5	1.3	3.5	2.2	63.0	.0	227	11.0
>= 42	6.7	26.4	6.1	.0	.0	.6	.6	58.3	.0	163	7.9
>= 37	4.0	26.7	2.7	.0	1.3	.0	.0	65.3	.0	75	3.6
>= 32	.0	8.3	.0	.0	.0	.0	8.3	83.3	.0	12	.6
TOTALS	2.1	6.9	3.1	11.3	18.5	21.4	2.3	31.8	.0	2060	100.0

NOTES :

\* = PERCENT < .05



4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : APR  
PAGE 1

TEMP. (DEG F)	WIND DIRECTION																TOTAL FREQ.	% OF TOTAL
	VNW E N	NNE ENE	ESE ESE	SSE ESS	SSW SSW	WSW E W	WNW GNW	CALM										
>= 92	.0	.0	.0	.0	.0	100.0	.0	.0								2	.1	
>= 87	.0	.0	.0	5.0	20.0	35.0	15.0	20.0								20	1.1	
>= 82	.0	.0	.0	3.3	41.7	41.7	4.2	.0								24	1.3	
>= 77	5.3	.0	.0	17.3	28.8	30.8	7.7	7.7								52	2.8	
>= 72	2.0	5.0	.0	13.0	37.0	30.0	2.0	10.0								100	5.3	
>= 67	1.1	1.4	.7	9.1	40.0	34.8	1.1	10.1								276	14.6	
>= 62	.0	1.2	1.4	14.2	36.9	38.1	.2	7.8								423	22.4	
>= 57	.2	3.4	1.1	15.3	26.0	28.4	1.3	25.2								465	24.7	
>= 52	2.3	13.4	1.5	6.5	8.4	11.5	3.8	49.0								261	13.8	
>= 47	7.0	14.5	1.2	.0	.6	.0	1.2	68.6								172	9.1	
>= 42	6.9	9.7	1.4	.0	.0	1.4	.0	76.4								72	3.8	
>= 37	.0	5.6	.0	.0	.0	.0	.0	94.4								18	1.0	
TOTALS	1.7	5.3	1.1	10.5	25.4	25.0	1.7	27.3								1885	100.0	

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAY  
PAGE 1

TEMP. (DEG F)	NNW S N		NNE ENE		ENE E E		ESE ESE		SSE E S		SSW SSW		WSW E W		WNW ENW		CALM		TOTAL FREQ.		% OF TOTAL	
>= 97	.0	.0	.0	.0	20.0	.0	.0	7.7	27.0	40.0	20.0	38.5	20.0	.0	.0	.0	.0	.0	5	13	.3	.7
>= 92	.0	.0	.0	.0	.0	.0	.0	2.8	16.7	58.3	13.9	16.0	16.0	.0	.0	.0	.0	.0	36	163	2.0	9.0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	15.3	56.4	16.0	16.0	16.0	.0	.0	.0	.0	.0	6.1	414	22.9	30.8
>= 72	.6	.0	.0	.0	.0	.0	.0	.0	10.9	45.4	34.3	34.3	34.3	.0	.0	.0	.0	.0	1.4	558	24.7	7.4
>= 67	.0	.0	.7	.0	.0	.0	.0	.0	13.8	72.3	13.4	13.4	13.4	.0	.0	.0	.0	.0	18.1	447	7.4	1.7
>= 62	.0	.0	1.4	.0	1.1	.0	1.3	3.4	11.9	15.7	3.7	3.7	3.7	.0	.0	.0	.0	.0	3.1	134	1.7	.4
>= 57	2.5	4.5	4.5	3.4	3.4	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57.5	31	1.7	.4
>= 52	3.7	21.6	19.4	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74.2	7	.4	.1
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.1	.0
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.1	.0
TOTALS	1.0	3.6	3.6	.9	.9	.0	1.5	11.9	31.9	22.9	2.0	24.0	1809	100.0								

NOTES :  
# = PERCENT < .25

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

QQ3154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JUN  
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		WIND DIRECTION		WSW		WNW		CALM		TOTAL FREQ.		% OF TOTAL	
	E	N	E	N	E	N	E	S	SSE	SSW	E	W	E	N						
>= 102	25.0										50.0						4		.2	
>= 97			20.0						20.0	20.0	40.0						5		.3	
>= 92							14.3		28.6	42.9			14.3				7		.4	
>= 87							10.0		20.0	50.0	20.0						12		.6	
>= 82			2.4				2.4		24.4	53.7	14.6					2.4	41		2.3	
>= 77		1.3							20.5	53.8	17.9					6.4	78		4.3	
>= 72			.9				.6		12.6	50.9	29.9					4.9	348		19.1	
>= 67			1.0						10.8	36.4	42.2					8.1	396		21.8	
>= 62	1.6		2.5				.6		11.5	26.2	27.1					28.3	642		35.3	
>= 57	2.0		9.3				3.6		8.3	5.5	12.3					51.8	253		13.9	
>= 52	3.2		16.1								2.2					77.4	31		1.7	
>= 47			66.7													33.3	3		.2	
TOTALS	1.0		2.9				1.0		11.7	31.7	27.7					21.6	1818		100.0	

NOTES :  
# = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 16N LONG. : 117 21W FLEV. : 76 FT  
MONTH : JUL  
PAGE 1

TEMP. (DEG F)	NNW E N		NNE ENE		ENE E E		ESE ESE		WIND DIRECTION SSE E S		SSW SSW		WSW E W		WNW ENW		CALM		TOTAL FREQ.		% OF TOTAL	
>= 107	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.0	.0	.0	1	.1	.1	.1
>= 102	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50.0	.0	.0	.0	2	.1	.1	.1
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33.3	.0	.0	.0	3	.2	.2	.2
>= 92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	.4	.4	.4
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29	1.5	1.5	1.5
>= 82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	144	7.7	7.7	7.7
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	307	16.3	16.3	16.3
>= 72	.6	.8	.6	.6	.6	.6	.4	.4	.4	.4	.4	.4	.4	.4	1.3	.3	.3	.3	477	25.4	25.4	25.4
>= 67	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.0	.3	.3	.3	411	21.9	21.9	21.9
>= 62	3.4	4.2	4.2	4.2	4.2	4.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.6	.6	.6	.6	383	20.4	20.4	20.4
>= 57	4.3	10.8	10.8	10.8	10.8	10.8	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.2	.2	.2	93	4.9	4.9	4.9
>= 52	10.0	20.0	20.0	20.0	20.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	1.1	1.1	1.1
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.1	.1	.1
TOTALS	1.3	1.9	1.9	1.9	1.9	1.9	1.4	1.4	12.6	12.6	34.3	34.3	22.6	22.6	1.4	1.4	22.6	22.6	1879	100.0	100.0	100.0

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

QQ3154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : AUG  
PAGE : 1

TEMP. (DEG F)	MINW		NNE		ENE		ESE		WIND DIRECTION		WSW		WNW		CALM		TOTAL		% OF	
	E	N	E	N	E	N	E	S	SSE	SSW	E	W	E	NW			FREQ.	TOTAL	TOTAL	
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	1	1	.1	
>= 92	.0	.0	.0	.0	.0	.0	.0	4.8	42.9	42.9	42.9	.0	.0	.0	9.5	21	21	1.1		
>= 87	.0	.0	.0	.0	.0	.0	.0	9.5	59.5	59.5	23.0	.0	.0	.0	8.1	74	74	3.8		
>= 82	.0	.0	.0	.0	.7	.7	.7	11.8	56.2	56.2	26.8	.0	.0	.0	2.6	153	153	7.8		
>= 77	.5	.8	.3	.3	1.3	1.3	1.3	13.5	45.6	45.6	33.1	.3	.3	.3	4.7	384	384	19.6		
>= 72	.0	.6	.8	.8	1.0	1.0	1.0	14.4	40.6	40.6	31.2	1.2	1.2	1.2	10.2	500	500	25.5		
>= 67	1.1	1.3	4.0	4.0	2.9	2.9	2.9	9.4	22.1	22.1	19.5	2.0	2.0	2.0	37.6	447	447	22.8		
>= 62	7.2	7.5	4.9	4.9	1.1	1.1	1.1	7.5	5.3	5.3	4.2	1.9	1.9	1.9	60.4	265	265	13.5		
>= 57	15.9	14.8	.0	.0	.0	.0	.0	.0	1.1	1.1	.0	.0	.0	.0	65.9	88	88	4.5		
>= 52	17.7	17.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	71.4	28	28	1.4		
TOTALS	2.2	2.5	1.9	1.9	1.4	1.4	1.4	10.8	32.2	32.2	23.0	1.2	1.2	1.2	24.8	1961	1961	100.0		

NOTES :

\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

001154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 MONTH : SEP  
PAGE 1

TEMP. (DEG F)	MMW E N	MNE ENE	ENE E E	ESE ESE	WIND DIRECTION SSE E S	SSW SSW	WSW E W	MNW ENW	CALM	TOTAL FREQ.	% OF TOTAL
>= 102	.0	.0	.0	33.3	.0	66.7	.0	.0	.0	3	.2
>= 97	7.1	7.1	.0	21.4	35.7	7.1	21.4	.0	.0	14	.7
>= 92	.0	2.9	2.9	2.9	28.6	20.0	37.1	.0	5.7	35	1.9
>= 87	.0	1.8	.0	3.5	19.3	38.6	28.1	1.8	7.0	57	3.0
>= 82	.8	2.4	.8	.0	21.0	47.6	21.0	.8	5.6	124	6.6
>= 77	.4	.0	2.2	3.1	16.3	42.7	26.4	.9	7.9	227	12.0
>= 72	.0	.8	1.9	1.3	15.8	28.7	38.6	1.6	11.3	373	19.8
>= 67	.0	2.3	2.5	2.1	14.0	18.2	34.4	3.3	22.3	479	25.4
>= 62	4.7	8.9	6.6	4.7	7.5	11.6	7.8	1.4	46.8	361	19.2
>= 57	9.8	25.9	9.5	1.4	2.7	1.4	.7	.0	49.7	147	7.8
>= 52	5.8	25.0	21.2	.0	3.9	.0	.0	.0	44.2	52	2.8
>= 47	16.7	25.0	25.0	.0	.0	.0	.0	0.3	25.0	12	.6
TOTALS	2.3	5.6	4.1	2.5	13.2	22.6	24.2	1.7	23.8	1884	100.0

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA E LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 MONTH : OCT PAGE 1

TEMP. (DEG F)	WIND DIRECTION				WSW W	WNW WNW		CALM	TOTAL FREQ.	% OF TOTAL
	WNW W	NNE ENE	ENE E	ESE E		WSW W	WNW WNW			
>= 107	.0	.0	100.0	.0	.0	.0	.0	.0	1	.0*
>= 102	.0	50.0	.0	.0	25.0	.0	.0	25.0	4	.2
>= 97	.0	.0	.0	.0	20.0	.0	.0	40.0	5	.2
>= 92	5.3	15.8	10.5	5.3	26.3	5.3	5.3	5.3	19	.9
>= 87	2.6	10.5	7.9	5.3	28.9	5.3	5.3	13.2	38	1.9
>= 82	.0	3.2	8.1	1.6	19.4	6.5	6.5	19.4	62	3.0
>= 77	1.7	3.3	.8	2.5	26.7	2.5	2.5	15.8	121	5.9
>= 72	1.8	2.1	2.8	1.1	31.7	2.1	2.1	13.9	281	13.8
>= 67	1.2	1.8	2.4	1.8	37.5	4.3	4.3	17.5	491	24.0
>= 62	5.4	5.9	6.6	3.1	20.2	4.5	4.5	40.1	426	20.9
>= 57	7.2	9.8	12.1	4.3	4.5	1.9	1.9	56.2	265	13.0
>= 52	6.4	11.7	12.9	2.3	.6	.0	.0	63.2	171	8.4
>= 47	1.8	4.4	10.6	.9	1.8	.0	.0	79.6	113	5.5
>= 42	2.4	9.5	11.9	2.4	.0	.0	.0	73.8	42	2.1
>= 37	.0	.0	25.0	.0	.0	.0	.0	75.0	4	.2
TOTALS	3.5	5.4	6.5	2.1	21.6	3.0	3.0	35.1	2042	100.0

NOTES : PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

N

LAT. : 33 18' LONG. : 117 21'W ELEV. : 76 FT  
MONTH : NOV  
PAGE : 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		SSE		SSW		WSW		WNW		CALM		TOTAL		% OF	
	E	N	E	N	E	N	E	N	E	S	E	S	E	W	E	N			FREQ.		TOTAL	
>= 92	.0	.0	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.1	.4	
>= 87	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	.0	.0	28.6	10.7	32.1	.0	3.6	.0	14.3	7.1	28	1.6	1.6	
>= 82	14.3	3.6	17.9	17.9	17.9	17.9	3.6	3.6	7.1	17.4	30.4	10.7	21.7	.0	.0	.0	11.6	6.9	69	3.9	3.9	
>= 77	2.9	11.6	4.3	4.3	4.3	4.3	.0	.0	17.4	14.1	28.9	10.7	19.7	.0	.0	.0	18.3	14.2	142	8.0	8.0	
>= 72	2.1	7.7	2.1	2.1	2.1	2.1	1.4	1.4	14.1	11.8	29.6	10.7	24.8	.0	.0	.0	16.4	26.2	262	14.7	14.7	
>= 67	2.7	3.8	4.2	4.2	4.2	4.2	1.5	1.5	11.8	11.6	25.6	9.3	25.6	.0	.0	.0	20.2	387	387	21.8	21.8	
>= 62	1.3	2.8	4.1	4.1	4.1	4.1	1.8	1.8	11.6	9.3	9.3	9.3	12.8	.0	.0	.0	38.9	337	337	18.9	18.9	
>= 57	5.0	8.6	6.5	6.5	6.5	6.5	3.6	3.6	3.1	3.1	.5	.5	2.6	.0	.0	.0	50.3	193	193	10.8	10.8	
>= 52	14.3	8.3	15.0	15.0	15.0	15.0	4.7	4.7	.6	.6	.0	.0	.0	.0	.0	.0	69.0	153	153	8.9	8.9	
>= 47	9.5	8.2	7.6	7.6	7.6	7.6	4.4	4.4	.8	.8	1.7	1.7	.0	.0	.0	.0	76.9	121	121	6.8	6.8	
>= 42	4.1	8.3	5.8	5.8	5.8	5.8	.3	.3	.0	.0	1.0	1.0	.0	.0	.0	.0	68.9	63	63	3.5	3.5	
>= 37	1.6	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	11	11	.6	.6	
>= 32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36.8	1779	1779	100.0	100.0	
TOTALS	4.9	6.5	6.1	6.1	6.1	6.1	2.5	2.5	9.2	9.2	15.9	15.9	14.8	14.8	4.2	4.2	36.8	1779	1779	100.0	100.0	

NOTES :  
\* = PERCENT < .25



# WIND FREQUENCY OF AIR TEMPERATURE VERSUS WIND DIRECTION (FROM HOURLY OBSERVATIONS)

GO3154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : DEC  
PAGE 1

TEMP. (DEG F)	NNW S N		NNE SNE		ENE ESE		WIND DIRECTION SSE S S		WSW S W		WNW S W		CALM		TOTAL FREQ.		% OF TOTAL	
>= 77	0.7	4.8	25.0	0.0	0.0	0.0	28.6	50.0	25.0	0.0	0.0	0.0	0.0	0.0	4	21	0.2	1.2
>= 72	1.5	9.0	9.5	4.8	6.0	28.4	23.9	31.3	11.9	0.0	0.0	10.4	0.0	67	115	6.5	3.8	6.5
>= 67	1.7	6.1	6.1	2.6	3.3	20.0	30.4	29.6	15.7	0.0	0.0	19.1	0.0	270	15.2	15.2	15.2	15.2
>= 62	3.0	4.1	4.1	2.6	1.5	19.6	29.6	16.6	21.1	0.0	0.0	26.9	0.0	586	21.7	21.7	21.7	21.7
>= 57	5.2	4.9	4.9	2.1	2.8	14.2	16.6	5.9	9.5	0.0	0.0	43.3	0.0	328	18.4	18.4	18.4	18.4
>= 52	9.1	16.2	16.2	6.1	1.3	3.7	5.9	0.0	4.5	0.0	0.0	51.8	0.0	220	12.3	12.3	12.3	12.3
>= 47	10.0	21.4	21.4	6.9	1.9	0.5	1.3	0.0	1.3	0.0	0.0	61.4	0.0	153	8.6	8.6	8.6	8.6
>= 42	8.5	15.0	15.0	8.5	2.6	0.7	0.0	0.0	1.7	0.0	0.0	74.8	0.0	119	6.7	6.7	6.7	6.7
>= 37	1.7	13.4	13.4	3.4	0.9	0.8	0.0	0.0	2.4	0.0	0.0	81.2	0.0	85	4.8	4.8	4.8	4.8
>= 32	3.5	5.9	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.9	0.0	13	0.7	0.7	0.7	0.7
>= 27	0.0	23.1	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	1	0.1	0.1	0.1	0.1
>= 22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1762	100.0	100.0	100.0	100.0
TOTALS	5.7	10.9	10.9	4.3	2.2	9.6	13.3	12.5	39.0	2.9	2.9	39.0	1.1	1762	100.0	100.0	100.0	100.0

NOTES :  
\* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE  
VERSUS  
WIND DIRECTION  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : ANN  
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		SSW		SSW		WSW		WNW		CALM	TOTAL FREQ.	% OF TOTAL
	E	N	E	N	E	N	E	S	E	W	E	W	E	W	E	W			
>>107	0	0	0	0	50.0	0	0	0	0	0	0	0	0	0	50.0	0	2	0.0*	
>>122	7.7	15.4	7.1	15.4	0	0	7.7	0	23.1	30.8	23.1	30.8	7.7	7.7	7.7	7.7	13	.1	
>> 97	3.6	7.1	5.4	7.1	3.2	0	10.7	21.4	21.4	25.0	21.4	25.0	3.6	3.6	3.6	7.1	23	.1	
>> 92	1.1	5.4	2.8	5.4	2.4	3.2	2.2	15.1	15.1	31.2	33.3	31.2	2.2	2.2	2.2	6.5	93	.4	
>> 87	1.2	2.8	2.2	2.8	2.4	2.4	2.8	14.6	14.6	40.1	24.7	40.1	2.8	2.8	2.8	8.5	247	1.1	
>> 82	0	2.2	2.2	2.2	2.2	2.2	1.3	17.3	17.3	44.4	24.3	44.4	1.4	1.4	1.4	6.0	637	2.8	
>> 77	1.1	1.5	1.5	1.5	1.2	1.2	2.0	15.5	15.5	43.5	26.4	43.5	1.3	1.3	1.3	7.6	1408	6.2	
>> 72	1.0	2.0	2.0	2.0	1.2	1.2	1.1	14.5	14.5	39.2	25.2	39.2	1.7	1.7	1.7	10.0	2648	11.7	
>> 67	1.0	2.1	2.1	2.1	2.0	2.0	1.5	12.1	12.1	29.9	30.5	29.9	2.3	2.3	2.3	18.6	3713	16.5	
>> 62	2.4	3.7	3.7	3.7	3.2	3.2	1.9	11.4	11.4	23.8	27.9	23.8	2.6	2.6	2.6	27.1	4685	20.8	
>> 57	3.5	6.0	6.0	6.0	4.2	4.2	2.4	11.6	11.6	15.0	16.0	15.0	3.6	3.6	3.6	35.7	3910	17.3	
>> 52	5.0	12.8	12.8	12.8	8.0	8.0	2.9	5.7	5.7	5.7	9.1	5.7	3.0	3.0	3.0	48.0	2260	10.0	
>> 47	6.1	16.5	16.5	16.5	7.7	7.7	2.3	1.7	1.7	0	2.4	0	1.6	1.6	1.6	60.9	1350	6.0	
>> 42	6.0	16.4	16.4	16.4	7.5	7.5	1.2	0	0	0	1.0	0	0	0	0	66.0	623	3.6	
>> 37	3.0	12.0	12.0	12.0	3.4	3.4	0	0	0	0	0	0	0	0	0	79.0	500	2.2	
>> 32	1.4	4.6	4.6	4.6	2.9	2.9	1.0	0	0	0	1.0	0	1.0	0	1.0	87.5	208	.9	
>> 27	3.7	11.1	11.1	11.1	0	0	0	3.7	3.7	0	0	0	0	0	0	81.5	27	.1	
>> 22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	3	0.0*	
TOTALS	2.7	5.8	5.8	5.8	3.7	3.7	1.9	10.5	10.5	22.3	20.5	22.3	2.4	2.4	2.4	30.4	22595	100.0	

NOTES :  
\* = PERCENT < .05

# 11 - SKY COVER

UC3154 CAMP PFNDLETON, CA R  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLAR	SCATTERED	BROKEN	OVERCAST	
JAN	01	16.0	28.8	13.6	40.7	59
	04	26.6	27.8	16.5	29.1	70
	07	19.6	30.4	23.3	26.7	296
	10	22.3	30.8	22.5	24.4	373
	13	21.0	32.1	27.6	19.4	377
	16	19.8	32.5	29.0	18.7	369
	19	17.3	34.6	27.8	20.4	162
	22	18.2	38.2	16.4	27.3	110
	ALL	22.4	31.9	24.5	23.1	1825
FEB	01	35.3	20.6	14.7	29.4	68
	04	34.1	22.0	14.3	29.7	91
	07	15.6	30.4	22.5	31.5	289
	10	16.6	27.7	30.2	25.5	361
	13	15.6	29.0	34.8	20.5	365
	16	15.8	31.6	30.2	22.4	361
	19	21.5	34.9	24.4	19.2	172
	22	27.3	26.4	19.8	26.4	121
	ALL	18.5	29.2	27.3	24.7	1828
MAR	01	28.6	21.4	21.4	28.6	84
	04	30.4	23.5	20.0	26.1	115
	07	19.0	23.7	20.1	27.3	337
	10	19.5	23.9	30.8	25.9	406
	13	18.4	31.9	30.9	18.9	408
	16	16.7	35.7	37.5	17.0	400
	19	17.6	37.2	25.5	19.7	188
	22	21.8	33.7	23.4	21.8	124
	ALL	19.7	29.4	28.6	22.3	2062
APR	01	39.8	16.4	11.9	32.8	67
	04	28.1	13.5	20.5	37.5	96
	07	19.7	19.0	30.2	31.1	315
	10	22.4	24.8	37.4	19.4	371
	13	20.4	41.0	27.4	9.3	378
	16	25.3	41.0	24.7	9.0	368
	19	22.2	40.3	24.4	13.1	176
	22	23.9	31.6	15.4	29.2	117
	ALL	23.0	31.3	27.0	19.6	1988

# 11 - SKY COVER

GC3154 CAMP PENDLETON, CA  
 LAT. : 33 10N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)					TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST		
MAY	01	9.7	9.7	17.7	62.9		62
	04	9.9	8.9	17.8	63.4		101
	07	11.1	10.2	20.1	58.6		343
	10	17.4	28.3	25.7	28.6		374
	13	23.2	38.9	24.9	13.0		370
	16	23.8	41.9	23.5	13.9		332
	19	15.2	41.1	25.3	18.4		158
	22	17.5	26.6	17.2	43.5		64
	ALL	17.5	28.9	22.5	31.2		1804
JUN	01	7.5	15.1	11.3	66.0		53
	04	2.1	12.4	5.3	80.1		95
	07	8.6	6.6	13.2	71.6		348
	10	22.0	26.3	19.1	31.6		376
	13	25.4	42.2	17.4	15.0		374
	16	27.6	43.9	16.2	12.3		351
	19	11.8	48.2	18.8	21.2		170
	22	17.0	28.3	15.1	41.5		53
	ALL	18.8	30.3	16.0	34.9		1820
JUL	01	5.6	18.5	11.1	64.8		54
	04	7.6	17.4	9.8	65.2		92
	07	9.3	14.2	19.1	57.5		367
	10	31.5	41.3	15.0	12.1		387
	13	34.3	45.3	16.6	3.8		391
	16	30.5	47.3	19.5	2.7		334
	19	20.6	61.4	12.2	5.8		189
	22	20.0	38.3	11.7	30.0		60
	ALL	24.2	38.0	16.2	21.7		1874
AUG	01	6.8	28.8	18.6	45.8		52
	04	11.0	20.3	11.0	57.6		118
	07	11.2	15.2	19.0	54.6		394
	10	37.3	45.4	14.3	8.0		412
	13	36.6	48.4	11.1	3.9		413
	16	31.0	50.6	14.4	4.0		326
	19	22.1	55.8	17.7	4.4		181
	22	23.7	44.1	11.9	20.3		59
	ALL	25.5	39.8	14.6	22.0		1962

# 11 - SKY COVER

J03154 CAMP PENDLETON, CA  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
SEP	01	24.4	11.6	15.1	48.8	86
	04	22.5	13.5	9.0	55.1	80
	07	19.2	12.3	20.5	47.9	365
	10	32.3	29.2	20.2	18.2	387
	13	34.2	41.0	19.3	6.5	383
	16	30.3	42.0	19.5	8.1	307
	19	22.9	42.5	15.6	19.0	179
	22	33.0	27.3	17.2	29.5	88
	ALL	29.1	30.0	18.1	23.7	1884
OCT	01	27.2	19.7	13.2	40.4	114
	04	26.9	16.2	19.2	37.7	130
	07	22.9	22.7	27.1	27.3	362
	10	25.7	28.2	37.0	16.0	393
	13	28.2	37.2	22.3	12.3	390
	16	25.7	42.9	23.5	8.0	327
	19	22.4	41.0	22.9	13.6	210
	22	27.1	24.6	15.3	33.1	118
	ALL	25.6	31.1	23.8	19.5	2044
NOV	01	30.0	26.2	18.6	25.3	80
	04	26.5	32.7	20.4	20.4	98
	07	20.0	31.9	26.7	21.4	285
	10	23.6	32.6	25.9	18.0	356
	13	21.9	38.3	28.8	11.2	347
	16	20.2	43.7	25.2	10.9	341
	19	22.6	43.9	17.4	14.2	155
	22	26.7	31.4	17.6	28.6	118
	ALL	22.6	36.3	24.4	16.7	1780
DEC	01	37.0	26.0	15.1	21.9	72
	04	39.7	32.6	11.2	18.0	89
	07	19.9	30.4	28.3	21.3	286
	10	20.8	34.5	26.0	18.0	365
	13	20.5	34.9	29.7	15.9	352
	16	19.1	37.4	27.9	15.7	345
	19	21.5	35.6	23.9	19.0	167
	22	26.4	34.9	16.0	22.6	106
	ALL	22.2	34.2	25.3	18.3	1779

# 11 - SKY COVER

JC3154 CAMP PENDLETON, CA R  
 LAT. : 33 14N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
A/N	01	23.7	22.1	15.4	40.7	959
	04	21.9	19.9	14.8	43.4	1193
	07	16.2	19.9	23.0	40.9	3987
	10	24.1	31.2	24.3	20.4	4561
	13	25.1	38.5	24.0	12.4	4548
	16	23.6	40.6	23.7	12.1	4161
	19	19.8	43.2	21.4	15.5	2103
	22	23.7	31.6	16.0	28.6	1138
	ALL	22.3	32.5	22.4	22.8	22557

# 10 - RELATIVE HUMIDITY

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 10N LONG. : 117 21W ELEV. : 76 FT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
<b>JAN</b>											
01	100.0	100.0	100.0	100.0	95.3	94.9	88.1	72.9	50.8	86.2	59
04	100.0	100.0	100.0	94.9	94.9	92.4	84.8	59.5	39.2	82.4	79
07	100.0	99.7	98.0	94.3	90.9	86.1	75.3	60.5	36.5	79.8	296
10	99.7	96.5	89.3	77.7	65.2	52.3	39.7	21.4	8.2	60.6	373
13	99.5	90.2	82.0	72.1	57.6	40.3	26.0	11.1	3.2	53.8	377
16	100.0	95.5	86.7	78.6	66.6	53.7	34.4	17.6	4.3	59.6	369
19	100.0	100.0	96.9	94.4	90.1	80.7	64.6	40.4	18.0	74.5	161
22	100.0	100.0	97.2	97.2	95.4	89.0	81.7	55.0	33.9	80.6	109
ALL	99.8	96.4	90.6	83.5	75.0	63.5	49.8	31.9	15.7	66.3	1823
<b>FEB</b>											
01	100.0	100.0	100.0	98.4	95.2	91.9	74.2	56.5	46.8	81.8	62
04	100.0	100.0	97.7	95.4	94.3	86.2	79.3	48.3	28.7	79.4	87
07	100.0	100.0	97.4	96.5	94.3	90.8	85.2	63.6	37.8	82.4	253
10	100.0	98.9	93.0	85.7	73.3	58.1	39.8	21.6	4.5	63.0	356
13	100.0	95.3	86.1	80.3	66.9	48.1	27.8	13.9	3.9	57.8	360
16	99.7	96.3	90.2	85.1	73.9	57.9	33.1	14.3	4.5	61.1	356
19	100.0	98.2	96.4	95.2	91.7	80.4	61.3	27.4	4.8	71.4	168
22	100.0	100.0	99.1	97.4	95.7	90.5	81.9	42.2	19.0	78.7	116
ALL	100.0	97.5	93.4	89.8	80.4	68.0	51.1	29.6	12.9	67.9	1788
<b>MAR</b>											
01	100.0	100.0	100.0	100.0	100.0	100.0	97.6	92.8	65.1	90.9	83
04	100.0	100.0	100.0	100.0	100.0	100.0	96.5	71.1	47.4	87.3	114
07	100.0	100.0	100.0	99.4	99.1	97.0	91.4	72.1	48.1	86.2	337
10	100.0	98.2	94.8	90.1	76.8	62.6	36.0	16.5	4.2	63.7	406
13	99.8	96.3	93.9	89.7	77.0	55.6	29.2	11.3	4.5	61.1	408
16	100.0	99.2	95.0	89.5	74.7	59.5	33.7	11.7	2.7	63.0	400
19	100.0	100.0	98.9	97.3	92.0	87.2	68.1	32.4	8.0	73.9	188
22	100.0	100.0	100.0	100.0	99.2	97.6	89.5	54.0	21.0	82.0	124
ALL	100.0	98.8	96.7	93.3	86.4	74.2	55.2	33.4	16.9	71.2	2060
<b>APR</b>											
01	100.0	100.0	100.0	100.0	91.5	87.0	88.1	59.7	34.3	83.7	67
04	100.0	100.0	100.0	100.0	98.0	96.9	90.6	53.1	29.2	82.8	96
07	100.0	99.7	99.7	98.1	96.8	93.3	80.6	63.2	21.0	80.9	315
10	100.0	97.4	92.5	86.8	75.9	50.4	20.2	4.3	5.8	58.0	371
13	100.0	96.6	93.6	87.3	69.2	41.9	11.1	1.1	3	55.7	377
16	100.0	97.0	93.2	88.8	77.3	50.5	18.6	4.9	1.1	58.8	366
19	100.0	98.3	96.0	94.3	92.0	82.2	50.6	23.6	1.7	69.5	174
22	100.0	100.0	100.0	99.1	96.6	95.7	79.3	36.2	18.1	78.1	116
ALL	100.0	97.9	95.5	91.6	82.1	65.7	40.6	21.6	7.9	66.0	1882

## 12 - RELATIVE HUMIDITY

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
<b>MAY</b>											
01	100.0	100.0	100.0	100.0	100.0	98.4	97.1	43.5	21.0	80.6	62
04	100.0	100.0	100.0	100.0	100.0	99.3	91.6	27.2	11.7	77.7	103
07	100.0	100.0	100.0	100.0	98.6	92.5	73.9	49.3	16.2	78.9	345
10	100.0	100.0	99.2	97.1	86.9	57.1	31.6	12.6	2.4	64.2	373
12	100.0	99.5	98.6	95.9	82.2	50.3	24.1	5.1	1.4	61.1	370
16	100.0	100.0	99.4	96.4	98.9	63.7	29.7	7.2	.3	64.1	333
19	100.0	100.0	100.0	98.7	98.1	88.7	55.3	22.6	1.3	72.3	159
22	100.0	100.0	100.0	100.0	98.4	96.9	67.2	17.2	3.1	74.0	64
ALL	100.0	99.9	99.4	97.8	91.1	71.6	45.9	20.0	5.5	68.7	1809
<b>JUN</b>											
01	100.0	100.0	100.0	100.0	100.0	98.1	77.4	39.6	22.6	80.5	53
04	100.0	100.0	100.0	100.0	100.0	100.0	79.2	27.1	13.5	78.2	96
07	100.0	99.7	99.4	99.4	98.9	96.0	77.7	48.1	15.2	79.4	349
10	99.7	98.9	98.7	97.1	87.2	63.8	33.8	13.8	1.6	65.1	376
13	99.2	98.9	97.6	95.2	84.3	55.7	24.8	6.9	1.1	61.6	375
16	99.7	99.4	99.1	97.7	91.7	62.4	29.9	8.3	1.4	64.2	351
19	99.4	99.4	99.4	98.4	94.4	97.5	54.4	23.7	.0	73.4	169
22	100.0	100.0	100.0	100.0	100.0	100.0	71.2	11.5	.0	73.6	52
ALL	99.7	99.5	98.5	97.8	92.3	75.1	46.2	20.2	5.1	69.1	1821
<b>JUL</b>											
01	100.0	100.0	100.0	100.0	100.0	100.0	85.2	37.0	13.0	79.9	54
04	100.0	100.0	100.0	100.0	99.9	93.3	62.4	24.7	7.5	74.9	93
07	100.0	100.0	99.7	99.5	98.6	94.3	79.8	56.7	11.2	79.6	367
10	100.0	99.5	98.7	96.1	85.9	57.9	26.6	11.6	1.6	62.9	387
13	100.0	99.5	98.0	94.1	73.7	47.7	18.9	9.2	1.3	59.7	392
16	100.0	99.7	97.5	94.6	81.4	55.7	20.4	6.6	.0	61.0	334
19	100.0	100.0	100.0	99.5	95.7	86.6	59.1	30.6	.5	72.3	186
22	100.0	100.0	100.0	100.0	100.0	98.3	71.2	40.7	6.8	78.1	59
ALL	100.0	99.7	98.9	96.8	96.5	69.6	42.4	23.2	3.8	67.7	1872
<b>AUG</b>											
01	100.0	100.0	100.0	100.0	100.0	100.0	96.1	45.8	15.3	90.4	59
04	100.0	100.0	100.0	100.0	100.0	96.6	74.8	39.5	12.6	77.9	119
07	100.0	100.0	100.0	100.0	99.0	95.2	93.6	61.4	12.4	80.9	394
10	100.0	100.0	98.8	94.4	78.6	56.3	25.7	10.7	.7	62.1	412
13	100.0	99.8	97.3	91.5	75.8	45.3	18.9	7.7	.0	59.2	413
16	100.0	99.4	97.5	92.9	81.6	59.5	27.0	8.0	.0	62.0	326
19	100.0	100.0	99.4	98.9	96.7	89.3	60.6	37.0	1.7	73.3	181
22	100.0	100.0	100.0	100.0	100.0	100.0	67.8	40.7	10.2	78.1	50
ALL	100.0	99.9	98.7	95.8	96.9	70.4	45.5	25.9	4.3	68.3	1963



# 10 - RELATIVE HUMIDITY

03154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

A

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
<b>SEP</b>											
01	98.8	98.3	98.8	95.2	94.0	90.4	75.9	45.8	12.0	77.0	83
04	98.8	98.6	98.8	96.5	92.9	91.8	78.8	40.0	16.5	76.9	85
07	99.7	99.4	99.4	98.3	96.1	90.1	80.4	58.7	19.8	79.9	363
10	99.7	96.9	94.5	89.1	74.5	51.8	28.4	12.8	1.8	60.3	384
13	99.2	97.1	95.0	88.7	73.0	41.8	23.2	9.5	.5	58.0	380
16	99.7	97.7	95.4	91.5	79.3	60.7	32.1	12.1	.7	62.1	305
19	99.4	99.4	97.2	95.5	91.9	83.3	62.5	34.1	2.3	72.2	176
22	98.8	98.3	98.8	94.0	91.6	88.0	73.5	44.6	13.8	75.6	83
ALL	99.5	98.1	96.6	92.6	82.6	66.8	47.8	27.1	0.5	67.3	1859
<b>OCT</b>											
01	100.0	99.1	99.1	96.5	93.9	91.2	85.1	52.6	26.1	90.7	114
04	100.0	100.0	97.7	96.9	93.1	91.5	81.5	51.5	26.2	79.7	130
07	100.0	98.1	95.9	93.4	87.8	84.0	71.6	50.7	21.2	76.2	363
10	99.2	92.6	86.3	77.7	63.5	41.9	21.3	8.1	2.0	54.6	394
13	99.2	94.1	87.4	78.4	62.5	34.2	17.2	5.4	.5	53.2	389
16	100.0	95.7	90.8	85.0	74.8	65.5	31.6	8.6	.6	59.6	326
19	99.5	98.1	96.7	94.8	87.1	81.9	60.5	37.6	6.2	72.2	210
22	100.0	99.1	97.4	96.6	95.7	91.5	79.5	50.4	17.1	78.5	117
ALL	99.7	96.1	92.1	86.9	77.6	62.9	45.9	25.9	9.2	65.2	2043
<b>NOV</b>											
01	100.0	100.0	98.7	97.5	96.2	90.0	77.5	48.7	32.5	79.5	80
04	100.0	100.0	98.0	96.9	93.9	90.3	79.6	53.1	29.6	80.1	98
07	100.0	98.9	97.5	95.8	94.0	97.0	76.1	62.5	40.4	81.0	285
10	99.7	95.2	83.9	73.2	60.8	45.9	25.9	12.7	3.7	55.7	355
13	99.4	93.7	82.7	71.2	56.9	36.3	19.3	8.6	2.0	52.3	347
16	100.0	96.5	89.4	78.9	71.0	53.4	32.0	15.1	2.9	59.7	341
19	100.0	100.0	99.4	95.5	88.4	78.7	62.6	33.5	9.7	71.9	155
22	100.0	98.3	97.5	97.5	91.8	87.3	68.6	41.5	20.3	76.1	118
ALL	99.8	96.9	90.7	83.5	71.3	62.1	45.1	28.0	13.4	65.0	1779
<b>DEC</b>											
01	100.0	97.3	95.9	95.9	89.0	86.3	71.2	43.8	23.3	75.8	73
04	100.0	97.6	94.4	94.4	91.0	83.3	73.3	42.2	24.4	75.3	90
07	100.0	99.7	97.6	96.5	93.8	90.3	79.9	58.1	35.6	80.9	289
10	100.0	97.5	93.1	78.4	67.4	52.3	31.8	16.2	7.9	59.7	365
13	99.7	93.6	83.8	70.7	54.3	36.1	19.0	8.5	3.4	52.6	352
16	100.0	97.4	90.7	81.4	71.0	52.8	24.2	14.2	4.3	60.0	345
19	100.0	98.2	95.7	95.7	91.2	82.3	66.4	40.5	13.5	73.7	163
22	100.0	97.6	94.3	94.3	94.5	84.0	72.6	36.8	17.9	74.5	106
ALL	99.9	97.0	91.4	84.5	71.4	63.0	47.0	27.0	13.4	65.4	1783

# 12 - RELATIVE HUMIDITY

76 FT

ELEV. : 117 21W LONG. : 33 13N LAT. :

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
ANN											
01	99.9	99.5	99.3	98.4	96.7	94.3	83.0	54.1	30.9	81.4	849
04	99.9	99.7	98.9	98.1	96.6	93.9	80.4	45.0	23.9	79.5	1190
07	100.0	99.6	98.8	97.7	96.0	91.5	79.7	58.5	25.3	80.4	3986
10	99.8	97.5	93.4	87.1	74.2	54.2	30.0	13.5	3.1	60.8	4552
13	99.7	96.3	91.7	84.7	69.4	44.6	21.7	8.2	1.6	57.3	4540
16	99.9	97.8	93.7	88.3	78.2	57.0	29.8	10.8	1.8	61.3	4152
19	99.9	99.3	98.0	96.6	92.6	84.9	60.6	32.1	5.5	72.6	2090
22	99.9	99.4	98.5	97.8	96.3	92.3	76.7	41.6	16.9	77.7	1123
ALL	99.9	98.1	95.3	91.1	82.7	67.8	46.9	26.2	9.6	67.4	22482

12 - WEATHER CONDITIONS

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE F/OR HAZE	BLOWING SNOW	DUST F/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	01	.0	19.0	.0	.0	.0	19.0	29.3	.0	.0	.0	29.3	58
	04	.0	22.0	.0	.0	.0	22.0	30.5	1.7	.0	.0	30.5	59
	07	.0	7.0	.0	.0	.0	7.6	30.4	4.6	.0	.0	31.6	263
	10	.0	7.1	.0	.0	.0	7.1	13.8	10.3	.0	.0	21.5	340
	13	.0	6.4	.0	.0	.0	6.4	4.9	14.0	.0	.0	17.7	344
	16	.0	6.0	.0	.0	.0	6.6	7.2	12.7	.0	.0	20.0	335
	19	.0	6.4	.0	.0	.0	6.4	20.7	14.3	.0	.0	32.1	140
JAN	22	.0	7.7	.0	.0	.0	7.7	37.4	11.0	.0	.0	40.7	91
	ALL	.0	7.9	.0	.0	.0	7.9	16.3	10.6	.0	.0	24.6	1630
FEB	01	.0	10.3	.0	.0	.0	10.3	20.5	2.9	.0	.0	26.5	68
	04	.0	9.1	.0	.0	.0	9.1	41.6	3.9	.0	.0	41.6	77
	07	.0	8.1	.0	.0	.0	8.1	30.3	7.0	.0	.0	32.6	273
	10	.3	5.8	.0	.0	.0	5.8	15.2	14.3	.0	.0	24.9	342
	13	.0	6.4	.0	.0	.0	6.4	6.1	14.9	.0	.0	19.5	343
	16	.0	6.1	.0	.0	.0	6.1	6.1	12.6	.0	.0	16.7	342
	19	.0	7.7	.0	.0	.0	7.1	13.5	11.0	.0	.0	21.3	155
FEB	22	1.9	7.8	.0	.0	.0	7.8	23.3	5.8	.0	.0	26.2	103
	ALL	.2	7.9	.0	.0	.0	8.9	15.0	11.2	.0	.0	24.0	1703
MAR	01	.0	8.4	.0	.0	.0	8.4	19.3	.0	.0	.0	19.3	83
	04	.0	5.1	.0	.0	.0	5.1	26.7	3.1	.0	.0	36.7	98
	07	.0	7.8	.0	.0	.0	7.6	28.2	7.3	.0	.0	32.6	301
	10	.0	6.0	.0	.0	.0	6.0	12.0	14.5	.0	.0	24.3	366
	13	.0	4.9	.0	.0	.0	4.9	5.2	12.3	.0	.0	16.4	365
	16	.0	5.1	.0	.0	.0	5.1	3.4	11.3	.0	.0	14.1	354
	19	.0	9.7	.0	.0	.0	9.7	14.3	9.7	.0	.0	18.8	154
MAR	22	.0	5.7	.0	.0	.0	5.7	21.0	5.7	.0	.0	22.9	105
	ALL	.0	6.2	.0	.0	.0	6.2	14.2	10.1	.0	.0	22.0	1226
APR	01	.0	3.0	.0	.0	.0	3.0	26.9	7.5	.0	.0	26.0	67
	04	.0	8.0	.0	.0	.0	3.0	43.2	5.7	.0	.0	43.2	88
	07	.0	5.7	.0	.0	.0	5.7	19.6	11.1	.0	.0	26.5	298
	10	.3	1.7	.0	.0	.0	1.7	4.3	12.0	.0	.0	14.9	249
	13	.0	1.1	.0	.0	.0	1.1	.9	6.8	.0	.0	7.7	352
	16	.0	2.0	.0	.0	.0	2.0	1.2	4.4	.0	.0	5.5	343
	19	.0	.6	.0	.0	.0	.6	12.5	10.0	.0	.0	19.1	160
APR	22	.0	2.9	.0	.0	.0	2.9	27.9	9.6	.0	.0	30.8	104
	ALL	.1	2.7	.0	.0	.0	2.7	10.6	8.5	.0	.0	16.7	1761

# 17 - WEATHER CONDITIONS

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 13N LONG. : 117 21W ELEV. : 76 FT

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OF	FREEZE RAIN E	SNOW E/OF	HAUL	% OF OBS WITH PRECIP	FOG	SMOKE E/OF	FLOWING SNOW	DUST E/OF	% OBS. W/OBSI	TOTAL NO. OF ORS.
			DRIZZLE	FOLEZE	SLFET				HAZE		SAND	VISION	
MAY	01	.0	1.0	.0	.0	.0	1.0	38.7	19.4	.0	.0	51.6	62
	04	.0	7.4	.0	.0	.0	7.4	50.0	20.2	.0	.0	57.4	94
	07	.0	7.5	.0	.0	.0	7.5	41.3	22.8	.0	.0	52.4	334
	10	.0	2.0	.0	.0	.0	2.0	10.8	27.6	.0	.0	34.5	351
	13	.0	.5	.0	.0	.0	.3	3.2	22.3	.0	.0	24.1	345
	16	.0	.6	.0	.0	.0	.6	1.0	19.2	.0	.0	19.8	308
	19	.0	.0	.0	.0	.0	.0	9.0	29.0	.0	.0	24.8	145
MAY	22	.0	1.9	.0	.0	.0	1.9	37.7	26.3	.0	.0	49.1	53
	ALL	.0	2.6	.0	.0	.0	2.6	17.4	22.7	.0	.0	34.8	1692
JUN	01	.0	1.9	.0	.0	.0	1.9	50.9	3.8	.0	.0	50.9	53
	04	.0	3.3	.0	.0	.0	3.3	73.9	15.2	.0	.0	78.3	92
	07	.0	8.1	.0	.0	.0	8.1	51.0	35.2	.0	.0	68.4	335
	10	.0	2.0	.0	.0	.0	2.0	10.0	34.5	.0	.0	39.6	351
	13	.0	.5	.0	.0	.0	.3	2.0	27.3	.0	.0	27.9	348
	16	.0	1.2	.0	.0	.0	1.2	3.1	24.2	.0	.0	25.5	326
	19	.0	2.5	.0	.0	.0	2.5	9.6	29.0	.0	.0	30.6	157
JUN	22	.0	.0	.0	.0	.0	.0	37.5	14.6	.0	.0	39.6	48
	ALL	.0	2.7	.0	.0	.0	2.7	20.5	28.1	.0	.0	41.6	1710
JUL	01	.0	1.9	.0	.0	.0	1.9	44.4	11.1	.0	.0	50.0	54
	04	.0	.0	.0	.0	.0	.0	56.5	28.2	.0	.0	85.0	85
	07	.0	2.5	.0	.0	.0	2.5	79.0	35.9	.0	.0	61.6	359
	10	.0	.5	.0	.0	.0	.5	3.9	24.8	.0	.0	26.1	371
	13	.0	.5	.0	.0	.0	.5	.5	12.6	.0	.0	12.9	372
	16	.3	.0	.0	.0	.0	.6	.3	11.7	.0	.0	11.7	317
	19	.0	.0	.0	.0	.0	.0	1.1	16.0	.0	.0	17.4	178
JUL	22	.0	.0	.0	.0	.0	.0	20.0	15.0	.0	.0	33.3	60
	ALL	.1	.9	.0	.0	.0	.9	15.5	20.8	.0	.0	29.5	1796
AUG	01	.0	.0	.0	.0	.0	.0	39.0	16.9	.0	.0	45.8	59
	04	.8	1.7	.0	.0	.0	1.7	52.3	27.1	.0	.0	61.9	118
	07	.0	2.1	.0	.0	.0	2.1	42.6	35.3	.0	.0	62.6	385
	10	.0	.0	.0	.0	.0	.3	3.3	26.9	.0	.0	28.4	391
	13	.0	.0	.0	.0	.0	.0	1.1	18.2	.0	.0	18.7	391
	16	.0	.0	.0	.0	.0	.0	1.3	15.5	.0	.0	15.8	304
	19	.0	.0	.0	.0	.0	.0	7.1	20.1	.0	.0	23.7	169
AUG	22	.0	.0	.0	.0	.0	.0	23.7	15.3	.0	.0	33.9	59
	ALL	.1	.0	.0	.0	.0	.6	15.8	23.7	.0	.0	33.7	1876

## 17 - WEATHER CONDITIONS

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 12N LONG. : 117 21W ELEV. : 76 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OF	RAINF FREEZE	PRIZLE	SNOW E/OF	HAIR	% OF OBS WITH PRECIP	FOG	SMOKE E/OF	BLOWING SNOW	DUST E/OF	% OBS. W/OBST	TOTAL NO. OF OBS.
SEP	01	.0	1.2	.0	.0	.0	.0	1.2	41.9	27.9	.0	.0	59.3	86
	04	1.1	4.5	.0	.0	.0	.0	4.5	50.6	19.1	.0	.0	67.7	89
	07	.0	4.8	.0	.0	.0	.0	4.8	32.8	19.9	.0	.0	50.4	347
	10	.0	1.9	.0	.0	.0	.0	1.9	6.5	20.2	.0	.0	24.3	367
	13	.0	.8	.0	.0	.0	.0	.8	1.7	16.7	.0	.0	17.8	360
	16	.0	.7	.0	.0	.0	.0	.7	1.0	19.9	.0	.0	20.6	287
	19	1.2	1.2	.0	.0	.0	.0	1.2	10.1	20.2	.0	.0	26.2	168
	22	.0	.0	.0	.0	.0	.0	.0	17.0	22.7	.0	.0	35.2	88
ALL		.2	2.8	.0	.0	.0	.0	2.8	15.8	19.8	.0	.0	31.6	1792
OCT	01	.0	3.5	.0	.0	.0	.0	3.5	26.8	14.2	.0	.0	50.0	114
	04	.0	4.9	.0	.0	.0	.0	4.9	49.2	18.9	.0	.0	59.8	122
	07	.0	4.9	.0	.0	.0	.0	4.9	30.1	17.9	.0	.0	40.4	329
	10	.3	1.1	.0	.0	.0	.0	1.1	6.8	23.7	.0	.0	28.7	355
	13	.0	1.2	.0	.0	.0	.0	1.2	2.6	19.7	.0	.0	21.7	346
	16	.0	2.1	.0	.0	.0	.0	2.1	3.4	22.3	.0	.0	25.1	291
	19	.0	.5	.0	.0	.0	.0	.5	16.5	28.2	.0	.0	41.0	168
	22	.0	3.4	.0	.0	.0	.0	3.4	30.5	19.5	.0	.0	45.8	118
ALL		.1	2.4	.0	.0	.0	.0	2.4	16.7	21.0	.0	.0	34.6	1863
NOV	01	.0	1.5	.0	.0	.0	.0	1.5	31.6	2.5	.0	.0	32.0	79
	04	.0	6.7	.0	.0	.0	.0	6.7	37.8	5.6	.0	.0	38.9	90
	07	.4	3.4	.0	.0	.0	.0	3.4	24.2	11.3	.0	.0	39.5	266
	10	.3	4.3	.0	.0	.0	.0	4.3	9.8	16.6	.0	.0	24.0	325
	13	.0	3.5	.0	.0	.0	.0	3.5	4.5	15.4	.0	.0	18.3	311
	16	.0	1.9	.0	.0	.0	.0	1.9	5.2	14.0	.0	.0	17.9	308
	19	.0	4.4	.0	.0	.0	.0	3.6	19.0	13.9	.0	.0	27.0	137
	22	.0	2.0	.0	.0	.0	.0	2.0	26.5	11.8	.0	.0	33.3	102
ALL		.1	3.4	.0	.0	.0	.0	3.3	16.4	12.2	.0	.0	26.4	1619
DEC	01	.0	3.0	.0	.0	.0	.0	3.0	26.4	1.5	.0	.0	36.4	66
	04	.0	6.7	.0	.0	.0	.0	6.7	26.7	.0	.0	.0	26.7	75
	07	.0	5.2	.0	.0	.0	.0	5.2	24.2	2.7	.0	.0	25.8	256
	10	.0	4.3	.0	.0	.0	.0	4.6	14.1	11.3	.0	.0	19.0	327
	13	.3	6.3	.0	.0	.0	.0	6.3	5.3	9.7	.0	.0	14.8	318
	16	.0	4.0	.0	.0	.0	.0	5.2	5.5	16.1	.0	.0	20.0	310
	19	1.4	7.7	.0	.0	.0	.0	7.9	25.2	14.4	.0	.0	31.7	129
	22	.0	6.0	.0	.0	.0	.0	6.0	31.0	4.8	.0	.0	35.7	64
ALL		.2	5.2	.0	.0	.0	.0	5.7	19.7	6.5	.0	.0	22.7	1575

## 13 - WEATHER CONDITIONS

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 1AN LONG. : 117 21W ELEV. : 76 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN %/HR	FREEZE DRIZZLE	RAIN & FREEZE	SNOW %/HR	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE %/HR	BLOWING SNOW	DUST %/HR	% OBS. W/OBSI VISION	TOTAL NO. OF OPS.
JAN	ALL	.0	7.9	.0	.0	.0	.0	7.9	16.3	10.6	.0	.0	24.6	1630
FEB	ALL	.2	7.9	.0	.0	.0	.0	9.9	16.0	11.2	.0	.0	24.0	1703
MAR	ALL	.0	6.2	.0	.0	.0	.0	6.2	14.2	10.1	.0	.0	22.0	1826
APR	ALL	.1	2.7	.0	.0	.0	.0	2.7	10.6	8.5	.0	.0	16.7	1761
MAY	ALL	.0	2.6	.0	.0	.0	.0	2.6	17.4	22.7	.0	.0	34.8	1692
JUN	ALL	.0	2.7	.0	.0	.0	.0	2.7	20.5	28.1	.0	.0	41.8	1710
JUL	ALL	.1	.9	.0	.0	.0	.0	.9	13.5	20.8	.0	.0	29.9	1796
AUG	ALL	.1	.6	.0	.0	.0	.0	.6	19.8	23.7	.0	.0	33.7	1876
SEP	ALL	.2	2.0	.0	.0	.0	.0	2.0	15.8	19.8	.0	.0	31.6	1792
OCT	ALL	.1	2.4	.0	.0	.0	.0	2.4	16.7	21.0	.0	.0	34.6	1863
NOV	ALL	.1	3.4	.0	.0	.0	.0	3.3	16.4	13.2	.0	.0	26.4	1618
DEC	ALL	.2	5.0	.0	.0	.0	.0	5.7	15.7	9.5	.0	.0	22.7	1575
TOTALS		.1	3.6	.0	.0	.0	.0	3.6	15.7	16.7	.0	.0	29.7	20842

# COMPARISON OF WEATHER CONDITIONS WEATHER CONDITIONS (FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W FLEV. : 76 FT  
 MONTH : JAN

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE GROUND FOR	SMOKE HAZE	BLOWING SNOW DUST	NO. WEATHER
NNE	4.3	2.2	.5	.0	.0	.0	.0	.0	9.7	2.2	9.7	.0	71.7
NNE	13.0	2.2	.0	.0	.0	.0	.0	.0	16.6	4.3	4.3	.0	55.4
NNE	4.5	.9	.5	.0	.0	.0	.0	.0	10.8	5.4	7.2	.0	67.6
ENE	4.7	1.5	1.6	.0	.0	.0	.0	.0	6.3	3.1	9.4	.0	65.6
ESE	4.2	4.2	.1	.0	.0	.0	.0	.0	16.7	12.5	6.3	.0	52.3
ESE	21.4	.0	.0	.0	.0	.0	.0	.0	21.4	14.3	14.3	.0	42.9
SE	14.5	3.7	.0	.0	.0	.0	.0	.0	.0	.0	14.8	.0	48.1
SE	12.5	.0	.0	.0	.0	.0	.0	.0	6.4	12.5	3.1	.0	53.1
SE	15.2	1.5	.5	.0	.0	.0	.0	.0	16.2	1.5	9.2	.0	59.2
SSW	6.1	.3	1.5	.0	.0	.0	.0	.0	8.4	.8	9.9	.0	71.0
SSW	.0	2.3	.8	.0	.0	.0	.0	.0	.0	.0	13.2	.0	77.7
WSW	.0	2.3	1.6	.0	.0	.0	.0	.0	2.3	2.3	13.3	.0	74.2
WSW	.0	.0	.9	.0	.0	.0	.0	.0	1.8	2.5	13.3	.0	75.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.6	19.5	.0	73.2
WNW	.0	21.4	.0	.0	.0	.0	.0	.0	.0	.0	14.3	.0	64.3
NNW	.0	.0	.0	.0	.0	.0	.0	.0	15.2	.0	9.1	.0	72.7
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	14.9	3.7	9.0	.0	59.0
CLW	2.4	1.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTALS	62	30	16	.0	.0	.0	.0	.0	203	62	172	.0	1171
% TOTAL	4.5	1.9	.5	.0	.0	.0	.0	.0	11.1	3.5	9.4	.0	64.1

TOTAL NUMBER OF OBSERVATIONS : 1226

NOTES :  
 # = PERCENT

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

03154 CAMP PENZLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : FEB

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	FREEZE ICE	SLEET SHOWERS	SNOW GRAINS PELLET	HAIL SMALL HAIL	THUNDER TORNA DO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	11.4	4.5	.0	.0	.0	.0	.0	.0	.0	11.4	6.8	4.5	.0	.0	65.9
NNE	3.1	1.5	3.1	.0	.0	.0	.0	.0	1.6	12.5	3.1	4.7	.0	.0	73.4
NNE	4.1	2.7	1.4	.0	.0	.0	.0	.0	.0	12.2	6.8	4.1	.0	.0	64.9
ENE	1.9	5.8	1.9	.0	.0	.0	.0	.0	.0	11.5	1.9	3.8	.0	.0	69.2
E	.0	3.2	.0	.0	.0	.0	.0	.0	.0	12.9	3.2	3.2	.0	.0	74.2
ESE	12.5	6.3	.0	.0	.0	.0	.0	.0	.0	12.5	6.3	.0	.0	.0	56.3
SE	9.1	4.5	4.5	.0	.0	.0	.0	.0	.0	18.2	.0	9.1	.0	.0	59.1
SSE	10.9	2.2	4.3	.0	.0	.0	.0	.0	.0	15.2	.0	13.0	.0	.0	65.2
S	18.1	1.5	.0	.0	.0	.0	.0	.0	.0	11.3	4.7	11.0	.0	.0	64.6
SSW	1.7	.8	.8	.0	.0	.0	.0	.0	.0	2.5	.8	13.6	.0	.0	77.1
SW	1.4	2.1	.7	.0	.0	.0	.0	.0	.0	2.9	.7	11.2	.0	.0	78.3
WSW	2.9	.7	.7	.0	.0	.0	.0	.0	.0	3.6	1.4	9.3	.0	.0	80.0
W	2.1	.7	.0	.0	.0	.0	.0	.0	.0	7.0	2.8	16.9	.0	.0	65.5
WNW	4.8	.0	.0	.0	.0	.0	.0	.0	.0	4.8	3.2	15.9	.0	.0	69.6
NW	14.3	7.1	.0	.0	.0	.0	.0	.0	.0	7.1	.0	7.1	.0	.0	71.4
NNW	.0	12.5	.0	.0	.0	.0	.0	.0	.0	6.3	.0	6.3	.0	.0	75.0
VAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	2.2	.6	1.3	.0	.0	.0	.0	.0	.1	19.4	3.5	10.6	.0	.0	61.1
TOTALS	75	27	17	0	0	0	0	0	3	219	54	190	0	0	1230
% TOTAL	4.1	1.5	.9	.0	.0	.0	.0	.0	.2	10.0	2.9	10.4	.0	.0	67.2

TOTAL NUMBER OF OBSERVATIONS : 1831

NOTES :  
\* = PERCENT < .05



WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

32

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAR

TOTAL NUMBER OF OBSERVATIONS : 2063
$$* = \text{PERCENT} < .05$$

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : APR

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE PAIN	SLEET " SHOWRS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.0	.0	.0	.0	.0	.0	.0	.0	20.0	8.0	12.0	.0	.0	68.0
NNE	.0	2.2	2.2	.0	.0	.0	.0	.0	17.4	.0	6.5	.0	.0	71.7
NE	.0	.0	.0	.0	.0	.0	.0	.0	30.2	.0	5.7	.0	.0	64.2
ENE	.0	.0	3.3	.0	.0	.0	.0	.0	16.7	6.7	10.0	.0	.0	70.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	18.2	.0	.0	81.8
ESE	.0	.0	.0	.0	.0	.0	.0	.0	33.3	11.1	22.2	.0	.0	55.6
SE	.0	.0	.0	.0	.0	.0	.0	.0	18.2	18.2	27.3	.0	.0	63.6
SSE	4.4	2.2	.0	.0	.0	.0	.0	2.2	2.2	2.2	15.6	.0	.0	66.9
S	1.3	.7	.0	.0	.0	.0	.0	.0	2.0	.0	9.8	.0	.0	85.6
SSW	1.5	.0	.0	.0	.0	.0	.0	.0	2.0	.0	6.9	.0	.0	81.9
SW	.7	.7	.4	.0	.0	.0	.0	.0	4.4	.0	8.8	.0	.0	79.9
WSW	.0	.4	.4	.0	.0	.0	.0	.0	1.2	.0	4.2	.0	.0	86.9
W	.5	1.4	.0	.0	.0	.0	.0	.0	3.3	.0	5.7	.0	.0	85.4
WNW	3.7	7.4	3.7	.0	.0	.0	.0	.0	3.7	.0	.0	.0	.0	85.2
NW	.0	.0	20.0	.0	.0	.0	.0	.0	20.0	.0	.0	.0	.0	80.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	14.3	.0	.0	.0	.0	85.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	1.0	.6	1.9	.0	.0	.0	.0	.0	18.1	2.1	9.3	.0	.0	64.2
TOTALS	17	14	16	0	0	0	0	1	165	21	150	0	0	1444
% TOTAL	.9	.7	.8	.0	.0	.0	.0	.1	8.7	1.1	8.0	.0	.0	76.6

TOTAL NUMBER OF OBSERVATIONS : 1886

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAY

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET	" SHOWERS	SNOW GRAINS	HAIL SMALL	THUNDER	FOG	ICE FOG	SMOKE	HAZE	SNOW	BLOWING	SAND	WEATHER
				FREEZE	ICE		" PELLET	HAIL	SQUALLS	FOG	GROUND					DUST	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	46.2	.0	30.8	.0	.0	.0	.0	38.5
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.0	.0	20.0	.0	.0	.0	.0	60.0
NNE	.0	.0	2.4	.0	.0	.0	.0	.0	.0	26.8	.0	7.3	.0	.0	.0	.0	61.0
ENE	11.8	.0	.0	.0	.0	.0	.0	.0	.0	28.4	11.8	5.9	.0	.0	.0	.0	47.1
E	5.6	.0	5.6	.0	.0	.0	.0	.0	.0	50.0	.0	44.4	.0	.0	.0	.0	16.7
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0	.0	20.0	.0	.0	.0	.0	60.0
SE	.0	4.5	4.5	.0	.0	.0	.0	.0	.0	13.6	9.1	31.8	.0	.0	.0	.0	50.0
SSE	.0	.0	2.7	.0	.0	.0	.0	.0	.0	13.5	2.7	37.8	.0	.0	.0	.0	48.6
S	.0	.6	.6	.0	.0	.0	.0	.0	.0	7.9	.0	27.0	.0	.0	.0	.0	65.2
SSW	.0	.4	1.5	.0	.0	.0	.0	.0	.0	4.9	.7	19.9	.0	.0	.0	.0	70.0
SW	.2	.0	.3	.0	.0	.0	.0	.0	.0	4.7	.0	16.3	.0	.0	.0	.0	71.2
WSW	.0	.4	.4	.0	.0	.0	.0	.0	.0	5.3	.8	19.5	.0	.0	.0	.0	66.5
W	.0	.7	2.0	.0	.0	.0	.0	.0	.0	10.0	.7	17.3	.0	.0	.0	.0	67.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	.0	20.7	.0	.0	.0	.0	75.9
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	37.5	.0	25.0	.0	.0	.0	.0	50.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	40.0	20.0	.0	.0	.0	.0	.0	40.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.1	.7	3.0	.0	.0	.0	.0	.0	.0	34.7	2.1	24.4	.0	.0	.0	.0	42.5
TOTALS	9	8	27	0	0	0	0	0	0	274	20	384	0	0	0	0	1092
% TOTAL	.5	.4	1.5	.0	.0	.0	.0	.0	.0	15.1	1.1	21.2	.0	.0	.0	.0	60.3

TOTAL NUMBER OF OBSERVATIONS : 1811

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

K

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JUN

WIND DIR.	RAIN	SHOWERS	DRIZZLE	FREEZE RAIN FEEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	.0	.0	7.7	.0	.0	.0	.0	.0	38.5	.0	53.8	.0	.0	36.8
NNE	.0	.0	4.5	.0	.0	.0	.0	.0	31.8	4.5	40.9	.0	.0	40.9
NE	.0	.0	.0	.0	.0	.0	.0	.0	22.6	3.2	29.0	.0	.0	51.6
ENE	.0	.0	.0	.0	.0	.0	.0	.0	25.0	.0	25.0	.0	.0	58.3
E	.0	7.1	.0	.0	.0	.0	.0	.0	42.9	21.4	14.3	.0	.0	28.6
ESE	.0	.0	16.7	.0	.0	.0	.0	.0	33.3	.0	33.3	.0	.0	16.7
SF	.0	.0	8.3	.0	.0	.0	.0	.0	9.3	.0	50.0	.0	.0	41.7
SSE	.0	6.1	6.1	.0	.0	.0	.0	.0	12.1	6.1	30.3	.0	.0	51.5
S	.0	1.1	5.0	.0	.0	.0	.0	.0	7.8	1.1	25.0	.0	.0	67.2
SSW	.0	.0	1.2	.0	.0	.0	.0	.0	5.3	.4	22.2	.0	.0	66.7
SW	.0	.0	1.5	.0	.0	.0	.0	.0	5.4	.0	23.7	.0	.0	60.2
WSW	.0	.0	1.2	.0	.0	.0	.0	.0	5.2	.9	26.3	.0	.0	64.5
W	.0	.6	.6	.0	.0	.0	.0	.0	14.2	.6	31.8	.0	.0	56.8
WNW	.0	8.3	.0	.0	.0	.0	.0	.0	25.0	.0	50.0	.0	.0	16.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	75.0	25.0	50.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	50.0	.0	33.3	.0	.0	50.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.3	4.8	.0	.0	.0	.0	.0	47.8	4.1	25.4	.0	.0	31.3
TOTALS	0	8	39	0	0	0	0	0	319	31	478	0	0	986
% TOTAL	.0	.4	2.1	.0	.0	.0	.0	.0	17.5	1.7	26.3	.0	.0	54.2

TOTAL NUMBER OF OBSERVATIONS : 1818

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 MONTH : JUL

WIND DIR.	RAIN	SHOWERS	DRIZZLE	FREEZE RAIN	SLEET	" SHOWERS	SNOW GRAINS	HAIL SMALL	THUNDER	FOG	ICE GROUND	SMOKE HAZE	BLOWING SNOW	BLOWING SAND	NO. WEATHER
							" PELLET	HAIL	SQUALLS		FOG			DUST	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	40.0	20.0	33.3	.0	.0	20.0
NNE	.0	.0	7.1	.0	.0	.0	.0	.0	.0	57.1	.0	14.3	.0	.0	35.7
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	47.6	.0	38.1	.0	.0	36.1
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.2	.0	22.7	.0	.0	54.5
E	.0	.0	7.1	.0	.0	.0	.0	.0	.0	28.6	14.3	42.9	.0	.0	35.7
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45.5	.0	.0	54.5
SE	.0	.0	14.3	.0	.0	.0	.0	.0	.0	18.8	.0	12.5	.0	.0	62.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.6	2.9	35.3	.0	.0	50.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	17.6	.0	.0	78.2
SSW	.7	.7	.0	.0	.0	.0	.0	.0	.0	1.7	.0	16.6	.0	.0	77.3
SW	.0	.3	.3	.0	.0	.0	.0	.0	.0	2.0	.0	14.0	.0	.0	77.9
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0	12.2	.0	.0	79.8
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0	20.4	.0	.0	75.9
WNW	.0	.0	5.3	.0	.0	.0	.0	.0	.0	21.1	.0	36.8	.0	.0	42.1
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0	25.0	.0	.0	50.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	55.6	11.1	11.1	.0	.0	33.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.2	.0	.9	.0	.0	.0	.0	.0	.0	32.0	4.0	28.2	.0	.0	43.3
TOTALS	3	3	10	0	0	0	0	0	1	219	24	274	0	0	1256
% TOTAL	.2	.2	.5	.0	.0	.0	.0	.0	.1	11.7	1.3	19.9	.0	.0	66.8

TOTAL NUMBER OF OBSERVATIONS : 1879

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
MONTH : AUG

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TOPNADO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	.0	.0	3.2	.0	.0	.0	.0	.0	25.8	.0	9.7	.0	.0	67.7
NNE	.0	.0	6.5	.0	.0	.0	.0	.0	22.6	3.2	19.4	.0	.0	61.3
NNE	.0	.0	5.3	.0	.0	.0	.0	.0	42.1	5.3	21.1	.0	.0	31.6
E	.0	.0	.0	.0	.0	.0	.0	.0	21.4	.0	35.7	.0	.0	50.0
ESE	.0	.0	4.5	.0	.0	.0	.0	.0	18.2	13.6	50.0	.0	.0	36.4
SE	.0	.0	.0	.0	.0	.0	.0	.0	8.3	.0	25.0	.0	.0	58.3
SSE	.0	.0	.0	.0	.0	.0	.0	.0	6.7	13.3	13.3	.0	.0	66.7
S	.0	.0	.0	.0	.0	.0	.0	.0	11.1	.0	35.6	.0	.0	53.3
SSW	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.2	25.7	.0	.0	67.7
SW	.0	.0	3	.0	.0	.0	.0	.0	3.0	.3	21.4	.0	.0	71.7
WSW	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0	12.2	.0	.0	77.4
W	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	17.8	.0	.0	75.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	5.5	1.1	23.6	.0	.0	69.6
NW	.0	.0	.0	.0	.0	.0	.0	.0	25.0	5.0	20.0	.0	.0	55.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	33.3	.0	66.7	.0	.0	.0
VAR	.0	.0	7.7	.0	.0	.0	.0	.0	61.5	7.7	15.4	.0	.0	23.1
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTALS	.0	1	10	.0	.0	.0	.0	1	252	44	443	.0	.0	1240
% TOTAL	.0	.1	.5	.0	.0	.0	.0	.1	12.8	2.2	22.6	.0	.0	63.2

TOTAL NUMBER OF OBSERVATIONS : 1962

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : SEP

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	3.6	.0	3.6	.0	.0	.0	.0	.0	46.4	7.1	10.7	.0	.0	46.4
NNE	2.0	2.0	2.0	.0	.0	.0	.0	2.0	49.0	.0	16.3	.0	.0	40.8
NF	.0	.0	1.8	.0	.0	.0	.0	.0	31.6	3.5	15.8	.0	.0	50.9
ENE	.0	.0	2.8	.0	.0	.0	.0	.0	25.0	5.6	16.7	.0	.0	56.3
E	.0	.0	2.4	.0	.0	.0	.0	.0	21.4	2.4	11.9	.0	.0	69.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	15.4	.0	19.2	.0	.0	73.1
SE	.0	.0	.0	.0	.0	.0	.0	.0	4.5	.0	22.7	.0	.0	72.7
SSE	.0	.0	1.8	.0	.0	.0	.0	.0	3.6	5.4	21.4	.0	.0	71.4
S	.0	.0	.5	.0	.0	.0	.0	.0	6.3	.0	24.0	.0	.0	73.4
SSW	.0	.0	.0	.0	.0	.0	.0	.0	3.3	.0	20.9	.0	.0	72.5
SW	.5	.5	.0	.0	.0	.0	.0	.5	2.3	.5	13.0	.0	.0	77.7
WSW	.0	.4	.0	.0	.0	.0	.0	.4	2.3	.7	15.3	.0	.0	73.5
W	.0	.0	1.1	.0	.0	.0	.0	.0	5.0	1.1	22.7	.0	.0	63.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	14.3	9.5	38.1	.0	.0	33.3
NW	.0	9.1	.0	.0	.0	.0	.0	.0	9.1	18.2	9.1	.0	.0	45.5
NNW	6.7	.0	.0	.0	.0	.0	.0	.0	73.3	.0	6.7	.0	.0	20.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	.7	1.3	2.0	.0	.0	.0	.0	.0	24.6	4.0	20.3	.0	.0	51.6
TOTALS	7	10	18	0	0	0	0	3	247	37	355	0	0	1211
% TOTAL	.4	.5	1.0	.0	.0	.0	.0	.2	13.1	2.0	18.8	.0	.0	64.2

TOTAL NUMBER OF OBSERVATIONS : 1485

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

P

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : OCT

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TOPNADC SQUALLS	FUG	ICE FOG GROUND FOG	SMOKE HAZE	SNOW DUST	BLOWING SAND DUST	NO WEATHER
N	8.6	1.7	1.7	.0	.0	.0	.0	.0	31.0	3.4	8.6	.0	.0	36.2
NNE	3.4	.0	3.4	.0	.0	.0	.0	.0	17.2	5.2	15.5	.0	.0	55.2
NE	.0	.0	1.5	.0	.0	.0	.0	.0	21.2	7.7	30.8	.0	.0	44.2
ENE	1.6	.0	.0	.0	.0	.0	.0	.0	12.5	7.8	14.1	.0	.0	64.1
E	1.5	1.5	1.5	.0	.0	.0	.0	.0	23.5	1.5	16.2	.0	.0	54.4
ESE	.0	.0	.0	.0	.0	.0	.0	.0	17.6	5.9	17.6	.0	.0	52.9
SE	.0	3.8	.0	.0	.0	.0	.0	.0	19.2	7.7	3.8	.0	.0	61.5
SSE	.0	3.4	.0	.0	.0	.0	.0	3.4	13.8	.0	20.7	.0	.0	44.8
S	.8	.0	.0	.0	.0	.0	.0	.0	2.3	.8	20.5	.0	.0	59.1
SSW	.7	2.2	.0	.0	.0	.0	.0	.0	5.1	.0	18.2	.0	.0	59.9
SW	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.2	23.7	.0	.0	59.2
WSW	.0	.0	1.0	.0	.0	.0	.0	.0	2.0	2.0	21.9	.0	.0	66.7
W	.0	.8	.0	.0	.0	.0	.0	.0	4.1	1.7	22.3	.0	.0	69.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	8.3	2.1	22.9	.0	.0	64.6
NW	.0	.0	.0	.0	.0	.0	.0	.0	7.7	.0	30.8	.0	.0	53.8
NNW	.0	.0	.0	.0	.0	.0	.0	.0	23.1	7.7	.0	.0	.0	53.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.4	.7	.3	.0	.0	.0	.0	.0	10.1	4.3	18.1	.0	.0	55.3
TOTALS	21	14	9	0	0	0	0	1	247	62	290	0	0	1195
% TOTAL	1.0	.7	.4	.0	.0	.0	.0	.0	12.1	3.0	19.1	.0	.0	58.4

TOTAL NUMBER OF OBSERVATIONS : 2045

NOTES :  
\* = PERCENT < .05



14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : NOV

WIND DIR.	RAIN		RAIN SHOWERS		ORIZZLE		FREEZE		SLEET		SNOW		HAIL		THUNDER		FOG		ICE FOG		SMOKE		BLOWING		NO WEATHER
							PAIN FREEZE	" SHOWRS ICE	" SLEET ICE	" GRAINS " PELLET	SMALL HAIL	SNOW TORNADO SQUALLS							GROUND FOG	HAZE	SNOW	SAND DUST			
N	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.7	1.3	1.3	5.3	.0	.0	.0	.0	64.0
NNE	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	1.4	1.4	5.8	.0	.0	.0	.0	75.4
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.8	.0	.0	4.3	.0	.0	.0	.0	76.6
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	9.3	9.3	18.5	.0	.0	.0	.0	50.0
E	.0	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.0	23.6	12.7	12.7	9.1	.0	.0	.0	.0	43.6
ESE	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	13.6	13.6	13.6	.0	.0	.0	.0	59.1
SE	12.6	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	9.1	9.1	.0	.0	.0	.0	.0	63.6
SSE	7.0	2.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	4.7	4.7	16.3	.0	.0	.0	.0	60.5
S	1.0	3.9	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	1.0	1.0	8.7	.0	.0	.0	.0	76.7
SSW	.7	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	.0	.0	15.2	.0	.0	.0	.0	68.8
SW	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	11.6	.0	.0	.0	.0	70.1
WSW	.7	.7	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	1.4	1.4	11.5	.0	.0	.0	.0	76.3
W	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	1.6	1.6	19.2	.0	.0	.0	.0	70.4
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	3.8	3.8	26.9	.0	.0	.0	.0	61.5
NW	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0	.0	20.8	.0	.0	.0	.0	58.3
NNW	.0	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	8.3	.0	.0	.0	.0	8.3	.0	.0	9.3	.0	.0	.0	.0	58.3
VAC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	1.1	1.1	1.1	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.9	4.4	4.4	10.8	.0	.0	.0	.0	60.8
TOTALS	20	28	7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.7	58	58	213	.0	.0	.0	.0	1160
% TOTAL	1.1	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	11.6	3.3	3.3	12.0	.0	.0	.0	.0	65.2

TOTAL NUMBER OF OBSERVATIONS : 1779

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

H

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : DEC

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWERS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	SAND DUST	NO WEATHER
N	8.0	1.3	.0	.0	.0	.0	.0	1.3	21.3	2.7	5.3	.0	.0	60.0
NNE	7.6	3.8	1.0	.0	.0	1.9	.0	.0	14.3	1.9	1.9	.0	.0	57.1
NE	.0	1.1	.0	.0	.0	.0	.0	.0	8.0	3.4	9.1	.0	.0	68.2
ENE	.0	4.0	.0	.0	.0	2.0	.0	.0	4.0	4.0	4.0	.0	.0	74.0
E	.0	.0	.0	.0	.0	.0	.0	.0	14.8	.0	.0	.0	.0	81.5
ESE	4.8	.0	.0	.0	.0	.0	.0	.0	19.0	.0	28.6	.0	.0	52.4
SE	16.7	11.1	.0	.0	.0	.0	.0	.0	16.7	5.6	.0	.0	.0	55.6
SSE	8.9	6.7	.0	.0	.0	.0	.0	2.2	8.9	2.2	17.8	.0	.0	48.9
S	6.3	1.6	.8	.0	.0	.0	.0	.0	7.1	.8	12.7	.0	.0	64.3
SSW	3.1	.8	2.3	.0	.0	.0	.0	.0	6.9	.0	17.7	.0	.0	67.7
SW	1.0	1.0	.0	.0	.0	.0	.0	.0	2.0	.0	10.9	.0	.0	82.2
WSW	.8	.8	1.6	.0	.0	.0	.0	.0	3.1	.0	9.6	.0	.0	75.0
W	1.1	2.1	.0	.0	.0	.0	.0	1.1	4.3	.0	7.4	.0	.0	84.0
WNW	3.0	.0	.0	.0	.0	.0	.0	.0	12.1	6.1	6.1	.0	.0	75.8
NW	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.3	5.3	.0	.0	73.7
NNW	.0	.0	.0	.0	.0	.0	.0	.0	14.8	.0	3.7	.0	.0	70.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.2	1.4	.4	.0	.0	.0	.0	.0	16.1	4.0	6.9	.0	.0	60.0
TOTALS	47	30	10	.0	.0	3	.0	3	204	43	150	0	0	1169
% TOTAL	2.6	1.7	.6	.0	.0	.2	.0	.2	11.4	2.4	8.4	.0	.0	65.6

TOTAL NUMBER OF OBSERVATIONS : 1782

NOTES :  
\* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION  
VERSUS  
WEATHER CONDITIONS  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

H

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
MONTH : ANN

WIND DIR.	RAIN	SHOWERS	DRIZZLE	FREEZE PAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL TORNADO MAIL SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.8	2.2	1.1	.0	.0	.0	.0	22.8	2.5	10.1	.0	.0	57.1
NNE	4.4	1.7	1.7	.0	.0	.3	.0	18.8	2.7	8.7	.0	.0	55.9
NF	1.2	.7	.9	.0	.0	.0	.0	18.4	3.2	10.9	.0	.0	62.5
ENE	2.0	2.0	.9	.0	.0	.2	.0	14.4	5.1	12.2	.0	.0	61.9
E	1.6	2.1	.1	.0	.0	.0	.0	21.7	6.9	14.8	.0	.0	55.3
ESE	5.5	2.7	1.1	.0	.0	.0	.0	15.4	4.9	18.1	.0	.0	55.5
SE	6.2	4.1	2.9	.0	.0	.0	.0	11.5	4.5	14.0	.0	.0	58.8
SSE	3.7	2.7	1.4	.0	.0	.0	.0	10.2	3.5	20.9	.0	.0	59.1
S	3.7	1.2	.8	.0	.0	.0	.0	6.2	.9	18.0	.0	.0	68.9
SSW	.9	.6	.6	.0	.0	.0	.0	4.1	.3	17.0	.0	.0	72.0
SW	.3	.6	.5	.0	.0	.0	.0	3.2	.2	14.3	.0	.0	73.0
WSW	.3	.5	.5	.0	.0	.0	.0	3.1	.8	15.0	.0	.0	73.8
W	.3	.9	.4	.0	.0	.0	.0	5.9	1.1	17.4	.0	.0	71.0
WNW	1.2	1.2	.5	.0	.0	.0	.0	8.5	3.2	19.7	.0	.0	65.6
NW	3.0	4.4	.7	.0	.0	.0	.0	11.9	3.0	16.3	.0	.0	60.7
NNW	.7	2.8	.7	.0	.0	.0	.0	28.5	2.8	6.9	.0	.0	56.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.2	.6	1.1	.0	.0	.0	.0	23.0	3.7	15.4	.0	.0	54.0
TOTALS	324	228	195	0	0	3	0	2764	488	3483	0	0	14506
% TOTAL	1.4	1.0	.9	.0	.0	.0*	.0	12.3	2.2	15.4	.0	.0	64.3

TOTAL NUMBER OF OBSERVATIONS : 22567

NOTES :  
\* = PERCENT < .05

15 - MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURE (DEG F)  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 15N LONG. : 117 21W ELEV. : 76 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN S.D. TOT OBS	49.1 6.804 59	45.2 6.263 67	42.4 5.646 93	50.7 5.526 67	57.5 4.555 62	60.4 3.896 54	62.9 3.339 59	62.0 4.923 86	57.0 6.088 114	50.4 6.021 95	43.9 6.466 73	53.8 8.398 857
04	MEAN S.D. TOT OBS	45.7 7.523 79	43.3 6.983 63	45.5 6.090 114	49.8 6.016 96	56.3 5.118 103	60.1 3.687 60	62.2 3.980 53	61.0 5.574 89	55.6 6.952 130	48.1 6.660 98	42.7 6.751 90	53.0 9.359 1200
07	MEAN S.D. TOT OBS	44.3 7.526 296	45.5 6.983 284	45.2 5.832 337	53.0 5.341 315	57.9 3.562 345	62.3 3.432 349	66.0 4.001 368	64.0 4.886 366	56.8 6.523 363	49.0 7.298 285	43.1 7.455 289	55.6 10.138 3996
10	MEAN S.D. TOT OBS	57.9 6.605 373	59.5 5.770 361	61.8 5.825 400	65.5 7.243 371	67.1 5.576 373	70.4 5.231 387	75.0 5.721 412	70.0 7.622 386	72.2 7.386 384	65.8 6.769 356	57.8 6.222 365	67.4 9.429 4560
13	MEAN S.D. TOT OBS	64.8 8.027 377	64.7 6.910 365	65.0 6.465 408	67.5 6.922 377	67.0 4.499 370	72.5 6.672 375	77.2 5.805 392	77.9 7.357 393	74.5 7.379 389	69.8 6.587 347	64.7 6.821 352	70.7 8.513 4548
16	MEAN S.D. TOT OBS	62.4 6.760 370	62.9 6.056 341	63.3 5.823 400	65.3 6.459 368	67.0 4.404 333	70.3 5.324 352	75.2 5.086 336	74.9 6.466 327	71.4 6.491 327	66.5 5.676 341	61.6 5.556 345	67.9 7.740 4166
19	MEAN S.D. TOT OBS	54.0 4.413 162	55.0 4.542 172	56.5 3.680 188	59.3 4.340 170	61.5 3.167 159	64.9 3.455 171	68.8 3.675 189	60.8 4.552 191	64.0 4.293 211	57.5 4.539 155	52.7 4.367 163	61.3 7.170 2106
22	MEAN S.D. TOT OBS	49.4 5.445 110	49.5 4.957 121	50.0 4.393 124	53.9 4.175 117	56.5 3.543 64	61.3 2.432 53	63.1 3.903 60	64.1 4.425 58	59.2 4.832 118	53.1 5.925 118	47.2 5.657 106	54.9 7.439 1138
ALL	MEAN S.D. TOT OBS	56.5 10.242 1826	56.6 9.483 1833	57.4 9.024 2030	61.2 8.983 1887	64.2 8.442 1824	71.6 7.431 1879	73.1 7.574 1963	71.3 8.012 1894	66.2 9.936 2045	60.3 10.401 1780	55.1 10.325 1783	63.6 10.870 22571

AD-A204 976

SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS)  
CAMP PENDLETON CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND  
DETACHMENT ASHEVILLE NC JAN 89

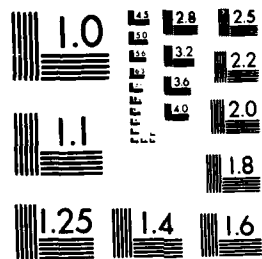
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1989



## 16 - MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURE (DEG F)  
(FROM HOURLY OBSERVATIONS)

Q03154 CAMP PENDLETON, CA  
 PERIOD OF RECORD : 1966-1987  
 K  
 LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	46.0	42.4	47.1	48.2	54.1	56.9	57.2	59.2	57.4	53.5	47.3	40.5	50.7
S.D.	6.868	6.339	4.875	4.968	3.981	3.117	3.472	4.282	4.429	5.883	6.243	6.106	7.893
TOT OBS	59	62	93	67	62	53	54	59	83	114	80	73	849
MEAN	43.0	40.1	44.1	47.1	52.6	56.3	57.5	58.6	56.5	52.1	45.1	39.3	49.7
S.D.	7.533	6.516	5.927	5.328	4.797	3.369	3.682	4.351	5.149	6.706	6.540	6.498	8.697
TOT OBS	79	87	114	96	103	96	93	119	85	130	98	90	1190
MEAN	41.4	42.9	46.1	49.9	55.1	58.4	61.9	63.1	60.1	52.5	46.1	40.5	52.3
S.D.	7.566	7.027	5.612	4.446	3.295	2.449	3.132	3.954	4.952	6.428	7.126	7.285	9.496
TOT OBS	296	293	337	315	345	349	357	394	363	363	285	289	3986
MEAN	50.3	52.3	54.5	56.3	59.4	62.4	66.5	67.9	65.8	61.0	55.9	50.2	58.7
S.D.	4.823	3.980	3.776	3.810	3.446	3.442	3.332	3.349	4.152	4.074	4.253	5.063	7.213
TOT OBS	373	356	406	371	373	376	387	412	384	394	356	365	4553
MEAN	54.5	55.6	56.7	57.6	60.4	63.3	67.0	68.5	66.8	62.5	58.4	54.4	60.6
S.D.	4.844	3.896	4.173	3.917	3.361	3.361	2.957	3.274	4.057	3.698	4.062	4.905	6.262
TOT OBS	377	360	406	377	370	375	392	413	380	389	347	352	4540
MEAN	53.9	54.8	55.7	56.4	59.4	62.2	65.7	67.2	65.5	61.7	57.5	53.5	59.2
S.D.	4.573	3.523	3.877	3.562	2.995	2.693	2.697	2.889	3.688	3.487	3.915	4.772	5.901
TOT OBS	369	356	400	366	333	351	334	326	305	326	341	345	4152
MEAN	49.9	50.2	52.0	53.5	56.6	59.6	63.0	64.2	62.7	58.3	52.6	46.4	56.1
S.D.	5.162	4.123	3.671	3.038	2.889	2.546	2.956	3.267	3.968	3.917	4.996	4.921	6.573
TOT OBS	161	166	198	174	159	169	186	181	176	210	155	163	2090
MEAN	46.6	46.2	48.1	50.3	53.9	56.5	59.2	60.3	59.1	55.3	49.2	43.4	51.2
S.D.	5.904	5.129	4.113	3.683	3.325	2.461	4.035	3.904	4.350	5.037	6.015	5.314	7.063
TOT OBS	109	116	124	116	64	52	59	59	83	117	118	106	1123
MEAN	49.7	50.5	52.3	54.1	57.8	60.9	64.3	65.5	63.4	58.3	53.4	48.6	56.6
S.D.	7.343	7.109	6.226	5.278	4.206	3.841	4.300	4.697	5.423	6.299	7.152	7.838	8.237
TOT OBS	1823	1786	2060	1882	1409	1821	1972	1963	1659	2043	1780	1783	22483

17 - MEANS AND STANDARD DEVIATIONS  
DEW-POINT TEMPERATURE (DEG F)  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 15N LONG. : 117 21W ELEV. : 76 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	43.7	39.1	45.7	45.6	51.4	54.0	54.4	56.5	53.7	50.2	43.8	35.6	47.7
S.D.	7.949	8.335	5.170	5.444	4.506	4.403	4.462	5.227	7.569	8.361	8.450	9.312	9.293
TOT OBS	59	62	93	67	62	53	54	59	86	114	80	73	852
MEAN	40.0	36.2	42.1	44.4	44.2	53.0	53.8	55.4	52.7	48.7	41.6	34.2	46.3
S.D.	9.074	8.750	6.439	5.682	5.284	4.036	4.694	5.418	8.012	8.976	8.405	9.646	9.872
TOT OBS	79	87	114	96	103	96	93	119	89	130	98	90	1194
MEAN	37.5	39.7	44.0	46.9	52.0	55.5	59.3	60.6	57.1	48.2	42.6	36.9	49.2
S.D.	10.030	9.089	6.451	5.319	4.208	3.643	3.964	4.955	7.026	9.768	9.469	9.421	10.817
TOT OBS	296	283	337	315	345	349	367	394	366	363	285	289	3989
MEAN	42.3	45.4	48.2	48.9	53.9	57.3	61.4	62.7	59.6	52.6	47.2	42.1	52.0
S.D.	9.476	8.032	6.811	5.866	4.431	4.261	4.152	4.686	6.972	9.188	9.908	9.461	9.949
TOT OBS	373	356	406	371	373	376	387	412	386	394	356	365	4555
MEAN	44.8	47.6	49.8	49.9	54.3	57.6	61.3	62.6	60.3	54.1	49.1	44.6	53.2
S.D.	10.191	8.204	7.245	6.081	4.513	4.747	4.259	5.235	6.948	8.211	9.326	10.134	9.543
TOT OBS	377	360	408	377	370	375	392	413	383	389	347	352	4543
MEAN	46.0	47.6	49.3	49.3	54.0	57.0	60.2	61.8	59.7	54.8	50.1	45.9	52.7
S.D.	9.231	7.704	6.540	5.899	4.276	3.965	4.060	4.878	6.477	7.459	8.626	9.331	8.717
TOT OBS	370	355	400	368	333	352	336	326	307	327	341	345	4161
MEAN	45.2	45.1	47.8	48.4	52.5	55.3	59.2	60.6	58.4	53.8	47.8	43.6	51.7
S.D.	8.787	7.406	5.804	5.793	3.523	4.199	4.209	4.647	6.989	7.892	7.869	8.703	8.694
TOT OBS	162	168	198	176	159	171	189	181	179	211	155	163	2101
MEAN	43.0	42.5	45.3	46.8	50.0	52.6	56.0	57.2	55.1	51.9	45.1	38.3	47.5
S.D.	8.494	7.215	4.872	4.676	3.584	3.068	4.961	5.083	7.922	7.775	3.540	8.927	8.794
TOT OBS	110	116	124	117	64	53	60	59	88	118	118	106	1133
MEAN	43.1	44.5	47.4	48.3	52.0	56.4	59.8	61.2	58.4	52.2	46.8	41.7	51.2
S.D.	9.906	8.828	6.949	5.918	4.688	4.374	4.657	5.373	7.342	8.911	9.326	10.179	9.850
TOT OBS	1826	1768	2050	1887	1809	1824	1878	1963	1884	2046	1780	1783	22528



1F - MEANS AND STANDARD DEVIATIONS

SEA-LEVEL PRESSURE (MB)  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 LEN LONG. : 117 21W ELEV. : 76 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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01	MEAN 1017.6	1017.0	1016.1	1015.7	1013.8	1013.2	1012.3	1013.3	1013.1	1014.9	1017.1	1016.7	1015.3
	S.D. 3.260	4.382	4.201	2.433	2.353	1.738	1.971	1.987	2.055	2.300	3.386	4.336	3.601
	TOT OBS 59	68	84	67	62	53	54	59	86	114	80	73	859

04	MEAN 1017.7	1016.7	1016.0	1014.8	1013.3	1012.6	1012.7	1013.2	1012.7	1014.3	1017.1	1017.7	1014.8
	S.D. 3.273	4.330	3.834	2.618	2.282	1.658	2.192	1.896	2.048	2.455	3.353	4.705	3.546
	TOT OBS 79	93	115	96	103	96	93	119	89	130	98	96	1201

07	MEAN 1018.9	1017.9	1016.4	1016.1	1014.6	1013.5	1013.9	1013.4	1013.0	1015.2	1017.3	1018.0	1015.5
	S.D. 3.604	3.887	4.200	2.897	2.707	2.077	1.864	2.093	2.497	2.724	3.313	4.416	3.623
	TOT OBS 295	289	337	315	345	349	360	394	366	362	285	289	3994

10	MEAN 1020.1	1018.7	1017.0	1016.4	1014.7	1013.5	1013.9	1013.5	1013.2	1015.5	1017.8	1019.2	1016.1
	S.D. 3.572	3.738	3.937	2.840	2.635	2.091	1.896	2.127	2.574	2.968	3.303	4.201	3.834
	TOT OBS 372	359	496	371	374	376	387	412	387	394	356	365	4559

13	MEAN 1017.8	1016.1	1015.5	1015.6	1014.2	1013.0	1013.2	1012.6	1011.9	1013.9	1015.8	1016.8	1014.8
	S.D. 3.484	3.624	3.776	2.778	2.538	2.086	1.867	2.158	2.542	2.701	3.130	4.071	3.484
	TOT OBS 377	364	408	377	370	375	392	413	383	386	347	352	4544

16	MEAN 1017.4	1016.1	1015.0	1014.6	1013.4	1012.3	1012.2	1011.5	1011.1	1013.3	1015.3	1016.5	1014.2
	S.D. 3.433	3.518	3.713	2.771	2.428	2.003	2.003	2.153	2.450	2.681	3.068	4.050	3.588
	TOT OBS 370	360	400	367	333	352	336	326	307	325	341	345	4162

19	MEAN 1017.9	1016.3	1015.2	1014.6	1013.5	1012.5	1012.4	1012.0	1011.8	1014.7	1016.5	1017.1	1014.4
	S.D. 3.485	3.820	4.051	2.556	2.272	1.787	1.979	2.098	2.472	2.655	3.301	4.365	3.593
	TOT OBS 162	173	198	176	159	170	189	181	179	209	155	163	2104

22	MEAN 1018.5	1017.3	1016.6	1015.5	1013.9	1013.6	1012.8	1013.3	1012.9	1015.0	1017.4	1016.1	1015.9
	S.D. 3.379	3.965	3.752	2.578	1.693	1.565	1.942	1.880	2.287	2.527	3.123	4.610	3.658
	TOT OBS 110	121	124	117	64	53	60	59	88	118	118	106	1138

ALL	MEAN 1018.4	1017.2	1016.0	1015.5	1014.1	1013.0	1013.2	1012.8	1012.4	1014.5	1016.6	1017.7	1015.1
	S.D. 3.618	3.881	3.972	2.838	2.561	2.054	2.054	2.224	2.366	2.792	3.345	4.364	3.685
	TOT OBS 1824	1827	2062	1886	1410	1824	1879	1963	1885	2038	1780	1793	22561

19 - MEANS AND STANDARD DEVIATIONS

STATION PRESSURE (INCHES OF HG)  
(FROM HOURLY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	29.977	29.960	29.944	29.914	29.862	29.844	29.816	29.848	29.847	29.886	29.944	29.986	29.891
S.D.	.093	.122	.131	.069	.067	.050	.059	.056	.057	.065	.097	.128	.104
TOT OBS	58	60	84	67	62	53	54	59	83	114	79	66	847
MEAN	29.965	29.943	29.927	29.897	29.840	29.832	29.832	29.847	29.837	29.886	29.944	29.986	29.891
S.D.	.095	.127	.130	.068	.069	.051	.068	.059	.059	.064	.096	.129	.102
TOT OBS	57	66	86	72	82	76	71	104	85	113	79	72	965
MEAN	30.024	29.994	29.946	29.944	29.901	29.866	29.861	29.865	29.851	29.918	29.971	30.001	29.923
S.D.	.112	.113	.132	.085	.084	.062	.057	.062	.074	.082	.098	.125	.107
TOT OBS	256	264	283	285	318	321	347	372	343	318	250	247	3606
MEAN	30.056	30.016	29.965	29.954	29.903	29.867	29.880	29.865	29.856	29.926	29.982	30.032	29.939
S.D.	.111	.111	.123	.085	.092	.062	.059	.064	.077	.086	.097	.119	.113
TOT OBS	332	336	353	341	347	347	366	389	364	350	318	323	4166
MEAN	29.989	29.964	29.935	29.930	29.889	29.854	29.860	29.840	29.821	29.880	29.927	29.964	29.902
S.D.	.107	.107	.118	.084	.079	.062	.059	.065	.077	.083	.089	.114	.103
TOT OBS	336	343	356	348	344	347	371	390	361	345	310	312	4160
MEAN	29.979	29.942	29.910	29.903	29.866	29.832	29.832	29.808	29.795	29.863	29.914	29.952	29.885
S.D.	.105	.104	.115	.083	.076	.061	.062	.065	.072	.078	.087	.112	.104
TOT OBS	328	336	350	336	307	323	313	304	284	289	305	306	3781
MEAN	29.983	29.938	29.908	29.898	29.860	29.835	29.831	29.818	29.810	29.879	29.937	29.962	29.884
S.D.	.101	.110	.128	.073	.070	.054	.056	.061	.069	.076	.092	.117	.102
TOT OBS	136	149	145	151	141	152	175	168	165	181	131	136	1830
MEAN	29.996	29.964	29.948	29.920	29.852	29.861	29.834	29.850	29.842	29.904	29.959	29.985	29.920
S.D.	.098	.114	.124	.068	.047	.049	.058	.054	.065	.067	.086	.120	.103
TOT OBS	84	87	93	94	47	36	59	59	83	114	96	79	941
MEAN	30.006	29.971	29.937	29.926	29.883	29.852	29.857	29.844	29.832	29.896	29.948	29.986	29.909
S.D.	.111	.114	.124	.084	.080	.062	.063	.066	.076	.082	.096	.122	.108
TOT OBS	1587	1655	1752	1694	1648	1655	1756	1843	1768	1824	1568	1541	20296

## 20 - FLYING WEATHER - PERCENT OF HOURS

R

003154 CAMP PENDLETON, CA

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

PERIOD OF RECORD : 1966-1987

PERCENT OF HOURS WITH  
CEILING LESS THAN 5000 FEET & VISIBILITY LESS THAN 5.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	53	41	47	46	79	87	81	69	71	56	39	40	57	22
04	38	40	47	55	78	91	75	71	71	59	41	27	58	22
07	37	39	48	51	75	84	72	72	63	46	41	32	57	22
10	28	37	43	40	51	52	22	21	33	36	29	26	35	22
13	24	28	28	22	30	30	10	13	21	21	19	23	22	22
16	22	22	27	18	27	26	10	12	24	19	15	22	20	22
19	36	26	30	25	31	36	12	17	31	32	21	30	27	22
22	44	36	35	44	58	60	50	39	47	48	33	34	42	22
ALL	30	32	37	34	48	50	32	33	39	35	27	27	35	22

PERCENT OF HOURS WITH  
CEILING LESS THAN 3000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	48	27	24	30	61	85	80	59	62	51	29	31	47	22
04	28	27	27	46	70	89	73	67	67	50	35	22	51	22
07	30	33	35	35	61	77	67	67	55	37	32	25	48	22
10	19	26	27	20	31	41	17	15	23	20	17	17	23	22
13	15	17	13	8	16	21	7	6	11	9	9	12	12	22
16	16	15	15	9	15	19	7	8	14	9	8	12	12	22
19	25	15	21	18	23	31	8	10	23	22	16	19	19	22
22	34	23	23	37	45	58	45	27	39	39	26	25	33	22
ALL	22	22	22	20	34	43	28	27	30	24	18	18	26	22

PERCENT OF HOURS WITH  
CEILING LESS THAN 1000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	26	9	7	15	19	30	28	15	21	26	18	22	20	22
04	15	13	13	24	24	48	31	32	31	23	20	16	24	22
07	20	19	17	10	24	30	30	33	29	18	21	17	23	22
10	11	8	7	2	6	6	5	4	5	5	6	10	6	22
13	7	5	4	1	3	2	3	3	2	3	4	4	3	22
16	9	6	3	1	4	4	4	3	3	6	5	5	5	22
19	17	6	6	3	4	4	1	1	8	10	9	11	6	22
22	19	9	5	9	3	7	12	3	9	20	13	17	11	22
ALL	13	9	7	5	10	13	11	11	11	11	10	10	10	22

20 - FLYING WEATHER - PERCENT OF HOURS

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33.18N LONG. : 117.21W ELEV. : 76 FT

CEILING LESS THAN PERCENT OF HOURS WITH  
200 FEET & VISIBILITY LESS THAN 1/2 MILES

HOURLY (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	5	2	2	0	0	4	2	0	2	2	6	7	4	22
04	1	2	3	3	3	4	3	2	4	5	9	3	4	22
07	6	5	5	1	2	1	1	2	3	3	5	3	3	22
10	1	1	0*	0	0	0	0	0	0	0*	0	0*	0*	22
13	0	1	0	0	0	0	0	0	0	0*	0	0	0*	22
16	0*	1	0	0	0	0	0	0	0	0	1	0*	0*	22
19	1	0	0	0	0	0	0	0	0	0*	0	3	0*	22
22	1	1	0	0	0	0	0	0	1	4	3	6	2	22
ALL	2	1	1	0*	1*	0*	0*	0*	1	2	2	2	1	22

CEILING LESS THAN PERCENT OF HOURS WITH  
100 FEET & VISIBILITY LESS THAN 1/4 MILES

HOURLY (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	2	2	2	0	0	0	0	0	1	7	4	4	2	22
04	1	2	2	2	1	1	2	0	3	2	8	1	2	22
07	4	3	3	0*	1	0*	0	1	1	2	4	2	2	22
10	1	0*	0	0	0	0	0	0	0	0	0	0*	0*	22
13	0	0*	0	0	0	0	0	0	0	0*	0	0	0*	22
16	0*	1	0	0	0	0	0	0	0	0	1	0*	0*	22
19	0	0	0	0	0	0	0	0	0	0*	0	2	0*	22
22	1	1	0	0	0	0	0	0	1	5	2	5	1	22
ALL	1	1	1	0*	0*	0*	0*	0*	1	1	2	1	1	22

NOTE : \* = VALUE > 0 AND < 0.5 PERCENT

3 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

003154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 110	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0*
>= 105	.0	.0	.0	.0	.0	.0	.5	.0	.5	.8	.0	.0	.2
>= 100	.0	.0	.0	.0	.0	.0	.5	.9	1.5	1.7	.0	.0	.4
>= 95	.0	.0	.0	.0	.0	.0	2.0	4.2	3.4	2.5	.0	.0	1.1
>= 90	.5	.9	.5	5.8	.0	1.6	5.9	11.2	9.7	6.3	1.4	.0	3.7
>= 85	3.6	2.8	3.3	5.9	1.1	6.4	14.7	23.4	19.9	13.9	5.0	.9	8.8
>= 80	8.7	8.0	7.0	17.3	4.9	10.6	39.2	54.2	42.7	25.6	18.9	4.7	20.4
>= 75	12.8	11.8	15.0	25.7	23.8	42.0	76.5	86.9	70.4	53.4	30.6	10.3	38.4
>= 70	22.6	26.4	30.4	47.6	60.5	69.1	93.1	100.0	98.5	81.5	59.5	31.5	60.1
>= 65	43.1	51.4	57.0	74.9	83.2	93.1	100.0	100.0	100.0	97.9	85.6	51.3	78.1
>= 60	78.5	84.4	91.1	94.2	98.4	100.0	100.0	100.0	100.0	99.6	99.5	80.2	93.8
>= 55	99.5	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.6	99.5
>= 50	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 45	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 40	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 35	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	65.5	66.3	67.3	70.5	70.6	73.3	78.6	81.1	79.5	76.1	72.0	65.8	72.2
S.D.	8.037	7.440	7.174	8.974	5.591	6.320	6.518	6.215	7.127	7.957	7.231	6.894	8.954
TOT. OBS.	195	212	214	191	185	193	204	214	206	238	222	232	2501

NOTES :  
\* = PERCENT < .05

# 6 - DAILY TEMPERATURES

ELEMENT TYPE : MINIMUM TEMPERATURE

003154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 70	.0	.0	.0	.0	.0	.0	.5	2.4	1.5	.0	.0	.0	.4
>= 65	.0	.0	.0	.0	.0	.0	12.1	27.3	20.2	.4	.0	.0	5.0
>= 60	.0	.0	.0	1.6	12.3	25.4	56.3	66.0	56.7	16.4	1.8	.0	19.3
>= 55	2.1	4.7	4.7	10.5	39.5	72.4	87.9	88.9	77.3	38.8	11.9	2.2	36.0
>= 50	16.8	18.5	25.8	31.4	74.1	92.3	98.5	99.5	94.1	70.7	30.7	8.3	54.2
>= 45	37.7	37.9	48.4	62.3	94.1	100.0	100.0	99.5	100.0	87.5	56.0	29.6	70.3
>= 40	66.0	69.7	80.8	93.7	100.0	100.0	100.0	100.0	100.0	99.1	81.2	53.5	86.5
>= 35	85.3	94.3	95.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0	98.6	92.2	96.1
>= 30	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.8	99.6
>= 25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	42.3	43.1	44.7	46.7	52.9	55.5	59.8	61.2	59.3	52.7	46.0	40.5	50.3
S.D.	6.956	6.020	6.037	5.562	5.069	4.376	4.454	4.887	5.810	6.139	6.400	6.420	9.184
TOT. OBS.	191	211	213	191	165	191	199	209	203	232	218	230	2463

NOTES :  
\* = PERCENT < .05

# 7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

001154 CAMP PENDLETON, CA K LAT. 33 18N LONG. 117 21W ELEV. 76 FT  
PERIOD OF RECORD : 1966-1987

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 85	.0	.0	.0	.0	.0	.0	.5	.0	.5	.0	.0	.0	.1
>= 80	.0	.0	.0	.0	.0	.0	.5	3.3	2.0	1.7	.0	.0	.7
>= 75	.0	.0	.0	.0	.0	.0	11.6	13.9	10.3	4.3	.5	.0	3.5
>= 70	.0	.5	.3	2.1	1.6	11.6	45.2	68.9	49.3	13.8	1.9	.0	16.3
>= 65	3.1	2.8	2.3	13.1	27.0	59.1	93.0	98.6	89.7	40.1	11.2	.4	36.8
>= 60	14.7	16.6	21.1	46.1	75.1	91.7	99.5	100.0	99.5	90.9	46.0	11.9	58.9
>= 55	45.6	48.8	65.7	80.1	95.7	100.0	100.0	100.0	100.0	98.7	85.6	40.3	79.7
>= 50	81.2	91.5	93.9	100.0	100.0	100.0	100.0	100.0	100.0	99.6	100.0	76.1	95.0
>= 45	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	99.6
>= 40	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 35	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	54.0	55.0	56.3	58.2	62.0	65.1	69.4	71.3	69.7	64.7	59.1	53.4	61.5
S.D.	5.229	4.370	4.256	4.931	4.020	3.821	3.902	3.617	4.272	5.040	4.480	4.847	7.599
TOT. OBS.	191	211	213	191	185	181	190	209	203	232	215	226	2456

NOTES :  
\* = PERCENT < .05

2 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION

(FROM DAILY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 19N LONG. : 117 21W LLEV. : 76

	NONE	TRACE	.01	INCHES										PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)	MEAN	HI	LOW
				<=.05	<=.10	<=.25	<=.50	<=1.0	<=2.5	<=5.0	<=10.0	<=20.0	>20.0						
JAN	73.4	6.9	.6	2.3	3.5	3.5	5.2	2.3	2.3	.0	.0	.0	19.7	173	.24	6.84	.00		
FEB	69.0	8.0	1.1	2.9	2.9	4.6	4.0	4.0	3.4	.0	.0	.0	23.0	174	.55	8.73	.00		
MAR	73.6	7.3	1.0	2.6	3.6	3.1	5.7	1.6	1.0	.5	.0	.0	19.2	193	.76	5.84	.00		
APR	75.0	9.8	2.4	5.5	1.8	2.4	1.2	1.8	.0	.0	.0	.0	15.2	164	.84	1.93	.04		
MAY	80.5	15.7	.0	1.3	1.9	.6	.0	.0	.0	.0	.0	.0	3.8	159	.84	.31	.00		
JUN	83.5	13.2	1.1	1.6	.5	.0	.0	.0	.0	.0	.0	.0	3.3	182	.85	.13	.00		
JUL	87.9	9.8	.0	1.1	.6	.6	.0	.0	.0	.0	.0	.0	2.3	174	.85	.18	.00		
AUG	92.6	6.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.9	217	.85	.02	.00		
SEP	87.3	8.8	.5	4.0	.0	1.0	.0	.5	.0	.0	.0	.0	3.9	204	.86	.53	.00		
OCT	82.2	7.9	.9	4.7	.5	.9	.9	1.4	.5	.0	.0	.0	9.0	214	.94	3.32	.00		
NOV	79.7	3.8	.8	5.3	2.3	2.3	3.0	3.0	.0	.0	.0	.0	16.5	133	1.06	1.66	.44		
DEC	73.7	7.7	1.9	4.6	1.9	3.8	3.8	2.6	1.9	.0	.0	.0	16.6	156	1.27	4.63	.43		
ANN	80.8	8.2	.9	4.2	1.5	1.9	1.9	1.4	.8	.0*	.0	.0	11.0	2355	1.24	19.20	*****		

NOTES :

.001, .0 OR Q.T.E ZERO PRECIPITATION .SNOWFALL OR SNOW DEPTH MEASURED PUT A TRACE WAS NOTED

\* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

\*\*\*\*\* = ANNUAL MINIMUM TOTAL PRECIPITATION IS NOT AVAILABLE. MONTHLY MINIMUM TOTALS MAY BE MISLEADING



5 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW FALL

(FROM DAILY OBSERVATIONS)

003154 CAMP PENDLETON, CA      LAT. : 23 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

		INCHES										PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	MEAN	HI	LOW	TOTAL PRECIPITATION (INCHES)
		NONE	TRACE	.1-.4	.5-1.4	<2.4	<3.4	<4.4	<6.4	<10.4	<15.4	<25.4	<50.4	>50.4	>=1		
JAN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
FEB	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAR	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
APR	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAY	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCT	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NOV	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
DEC	99.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ANN	99.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

NOTES :

\*DOT, .C OR C.I = ZERO PRECIPITATION \*SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

\* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

\*\*\*\*\* = ANNUAL MINIMUM TOTAL PRECIPITATION IS NOT AVAILABLE. MONTHLY MINIMUM TOTALS MAY BE MISLEADING

PERCENTAGE FREQUENCY OF  
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	> 120	PERCENT TOTAL			TOTAL PRECIPITATION		
														OF DAYS WITH AMOUNTS	NO. OF OBS	MEAN	HI	LOW	(INCHES)
JAN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	>= 1	167		0.	0.	0.
FEB	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	194		0.	0.	0.
MAR	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	192		0.	0.	0.
APR	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	186		0.	0.	0.
MAY	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	179		0.	0.	0.
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	182		0.	0.	0.
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	174		0.	0.	0.
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	216		0.	0.	0.
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	209		0.	0.	0.
OCT	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	237		0.	0.	0.
NOV	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	209		0.	0.	0.
DEC	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	216		0.	0.	0.
ANN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2353		0.1	0.1	0.1

## NOTES :

.001, .0 OR G.T. = ZERO PRECIPITATION .SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

\* = PERCENT &lt; .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

\*\*\*\*\* = ANNUAL MINIMUM TOTAL PRECIPITATION IS NOT AVAILABLE. MONTHLY MINIMUM TOTALS MAY BE MISLEADING

# 1 - DAILY EXTREME AMOUNTS

003154 CAMP PENOLEION, CA R LAT. : 33 13N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : JAN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.00	0	.00	0	0	0
2	.00	0	.00	0	0	0
3	.00	0	.00	0	0	0
4	.00	0	.00	0	0	0
5	T	1	.00	0	0	0
6	1.00	25	.00	0	0	0
7	1.37	35	.00	0	0	0
8	.00	0	.00	0	0	0
9	T	1	.00	0	0	0
10	.30	10	.00	0	0	0
11	.16	4	.00	0	0	0
12	.01	0	.00	0	0	0
13	.30	8	.00	0	0	0
14	1.00	25	.00	0	0	0
15	.06	2	.00	0	0	0
16	.28	7	.00	0	0	0
17	.12	3	.00	0	0	0
18	.30	8	.00	0	0	0
19	.26	7	.00	0	0	0
20	.74	19	.00	0	0	0
21	.37	9	.00	0	0	0
22	1.37	35	.00	0	0	0
23	.50	13	.00	0	0	0
24	1.51	38	.00	0	0	0
25	1.33	34	.00	0	0	0
26	.26	7	.00	0	0	0
27	.07	2	.00	0	0	0
28	.24	6	.00	0	0	0
29	T	1	.00	0	0	0
30	.70	18	.00	0	0	0
31	.08	2	.00	0	0	0
MONTH	1.51	38	.00	0	0	0

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OF < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

003154 CAMP PENDLETON, CA

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : FEB

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.00	0	.00	0	0.	0
2	.38	10	.00	0	0.	0
3	.33	8	.00	0	0.	0
4	.26	7	.00	0	0.	0
5	.03	1	.00	0	0.	0
6	1.21	31	.00	0	0.	0
7	T	T	.00	0	0.	0
8	T	T	.00	0	0.	0
9	.98	25	.00	0	0.	0
10	.65	17	.00	0	0.	0
11	.56	14	.00	0	0.	0
12	T	T	.00	0	0.	0
13	.24	6	.00	0	0.	0
14	.08	2	.00	0	0.	0
15	2.22	56	.00	0	0.	0
16	T	T	.00	0	0.	0
17	.70	18	.00	0	0.	0
18	.94	24	.00	0	0.	0
19	.36	9	.00	0	0.	0
20	.38	10	.00	0	0.	0
21	.05	1	.00	0	0.	0
22	1.18	30	.00	0	0.	0
23	.56	14	.00	0	0.	0
24	1.71	43	.00	0	0.	0
25	1.69	48	.00	0	0.	0
26	.09	2	.00	0	0.	0
27	T	T	.00	0	0.	0
28	1.72	44	.00	0	0.	0
29						
30						
31						
MONTH	2.22	56	.00	0	0.	0

NOTES : T = TRACE AMOUNTS (<.01. OR <.5. OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : MAR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.49	12 1970	.00	0 1987	0.	0 1987
2	.49	12 1970	.00	0 1987	0.	0 1987
3	.03	1 1967	.00	0 1987	0.	0 1987
4	.58	15 1970	.00	0 1987	0.	0 1987
5	.58	15 1970	.00	0 1987	0.	0 1987
6	.23	6 1987	.00	0 1987	0.	0 1987
7	.01	0 1986	.00	0 1987	0.	0 1987
8	T	T 1987+	.00	0 1987	0.	0 1987
9	.06	2 1969	.00	0 1987	0.	0 1987
10	1.05	47 1986	.00	0 1987	0.	0 1987
11	.18	5 1986	.00	0 1987	0.	0 1987
12	.50	13 1986	.00	0 1987	0.	0 1987
13	1.02	26 1967	.00	0 1987	0.	0 1987
14	.35	9 1986	.00	0 1987	0.	0 1987
15	.34	9 1987	.00	0 1987	0.	0 1987
16	.00	0 1987+	.00	0 1987	0.	0 1987
17	2.67	68 1986	.00	0 1987	0.	0 1987
18	.03	1 1985	.00	0 1987	0.	0 1987
19	.00	0 1987+	.00	0 1987	0.	0 1987
20	.00	0 1987+	.00	0 1987	0.	0 1987
21	.37	9 1987	.00	0 1987	0.	0 1987
22	.27	7 1969	.00	0 1987	0.	0 1987
23	.10	3 1987	.00	0 1987	0.	0 1987
24	.31	8 1987	.00	0 1987	0.	0 1987
25	T	T 1985+	.00	0 1987	0.	0 1987
26	T	T 1970+	.00	0 1987	0.	0 1987
27	.00	0 1987+	.00	0 1987	0.	0 1987
28	.31	8 1985	.00	0 1987	0.	0 1987
29	.04	1 1967	.00	0 1987	0.	0 1987
30	T	T 1970+	.00	0 1987	0.	0 1987
31	.57	14 1967	.00	0 1987	0.	0 1987
MONTH	2.67	68 1986	.00	0 1987	0.	0 1987

NOTES :  
T = TRACE AMOUNTS (<.01. OR <.5. OF < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : APR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.09	2 1967	.00	0 1987	0.	0 1987
2	.19	5 1967	.00	0 1987	0.	0 1987
3	.34	9 1987	.00	0 1987	0.	0 1987
4	.02	1 1967	.00	0 1987	0.	0 1987
5	T	1 1985+	.00	0 1987	0.	0 1987
6	T	1 1985+	.00	0 1987	0.	0 1987
7	.19	5 1986	.00	0 1987	0.	0 1987
8	T	1 1985+	.00	0 1987	0.	0 1987
9	.01	0 1985	.00	0 1987	0.	0 1987
10	.04	1 1967	.00	0 1987	0.	0 1987
11	.60	15 1967	.00	0 1987	0.	0 1987
12	.03	1 1967	.00	0 1987	0.	0 1987
13	T	1 1967	.00	0 1987	0.	0 1987
14	.65	17 1971	.00	0 1987	0.	0 1987
15	T	1 1985+	.00	0 1987	0.	0 1987
16	.00	0 1987+	.00	0 1987	0.	0 1987
17	T	1 1987+	.00	0 1987	0.	0 1987
18	.12	3 1967	.00	0 1987	0.	0 1987
19	.38	10 1967	.00	0 1987	0.	0 1987
20	.09	2 1967	.00	0 1987	0.	0 1987
21	.18	5 1967	.00	0 1987	0.	0 1987
22	.02	1 1967	.00	0 1987	0.	0 1987
23	.00	0 1987+	.00	0 1987	0.	0 1987
24	.04	1 1967	.00	0 1987	0.	0 1987
25	.00	0 1987+	.00	0 1987	0.	0 1987
26	1.00	25 1971	.00	0 1987	0.	0 1987
27	.10	3 1970	.00	0 1987	0.	0 1987
28	.03	1 1967	.00	0 1987	0.	0 1987
29	.04	1 1967	.00	0 1987	0.	0 1987
30	.00	0 1987+	.00	0 1987	0.	0 1987
31						
MONTH	1.00	25 1971	.00	0 1987	0.	0 1987

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : MAY

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	T	1987+	.00	0	0	0
2	T	1987+	.00	0	0	0
3	.00	0	.00	0	0	0
4	.01	0	.00	0	0	0
5	.13	3	.00	0	0	0
6	.16	4	.00	0	0	0
7	.10	3	.00	0	0	0
8	.00	0	.00	0	0	0
9	.05	1	.00	0	0	0
10	.06	2	.00	0	0	0
11	.00	0	.00	0	0	0
12	T	1985+	.00	0	0	0
13	T	1987+	.00	0	0	0
14	.01	0	.00	0	0	0
15	T	1987+	.00	0	0	0
16	T	1987+	.00	0	0	0
17	.00	0	.00	0	0	0
18	.00	0	.00	0	0	0
19	T	1987+	.00	0	0	0
20	T	1987+	.00	0	0	0
21	T	1969+	.00	0	0	0
22	.00	0	.00	0	0	0
23	T	1967	.00	0	0	0
24	T	1967	.00	0	0	0
25	T	1987+	.00	0	0	0
26	.02	1	.00	0	0	0
27	T	1986+	.00	0	0	0
28	.00	0	.00	0	0	0
29	.06	2	.00	0	0	0
30	.00	0	.00	0	0	0
31	T	1985+	.00	0	0	0
MONTH	.16	4	.00	0	0	0

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : JUN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.00	0	.00	0	0.	0
2	T	1971+	.00	0	0.	0
3	T	1986+	.03	0	0.	0
4	T	1986+	.00	0	0.	0
5	T	1969+	.00	0	0.	0
6	T	1987+	.00	0	0.	0
7	T	1970+	.00	0	0.	0
8	T	1970+	.00	0	0.	0
9	.04	1	.00	0	0.	0
10	.02	1	.00	0	0.	0
11	.03	1	.00	0	0.	0
12	.01	0	.00	0	0.	0
13	T	1967	.00	0	0.	0
14	T	1987+	.00	0	0.	0
15	.00	0	.00	0	0.	0
16	T	1969+	.00	0	0.	0
17	.07	2	.00	0	0.	0
18	T	1986+	.00	0	0.	0
19	.00	0	.00	0	0.	0
20	.00	0	.00	0	0.	0
21	T	1971+	.00	0	0.	0
22	.01	0	.00	0	0.	0
23	T	1969+	.00	0	0.	0
24	T	1987+	.00	0	0.	0
25	.00	0	.00	0	0.	0
26	.00	0	.00	0	0.	0
27	.00	0	.00	0	0.	0
28	.00	0	.00	0	0.	0
29	.00	0	.00	0	0.	0
30	.00	0	.00	0	0.	0
31						
MONTH	.07	2	.00	0	0.	0

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0



21 - DAILY EXTREME AMOUNTS

00J154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : JUL

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	T	1970+	.00	0	0.	0
2	T	1970+	.00	0	0.	0
3	T	1969+	.00	0	0.	0
4	.00	0 1987+	.00	0	0.	0
5	.00	0 1987+	.00	0	0.	0
6	.00	0 1987+	.00	0	0.	0
7	.02	1 1986	.00	0	0.	0
8	.00	0 1987+	.00	0	0.	0
9	.00	0 1987+	.00	0	0.	0
10	T	1987+	.00	0	0.	0
11	.05	1 1969	.00	0	0.	0
12	T	1967	.00	0	0.	0
13	.00	0 1987+	.00	0	0.	0
14	.00	0 1987+	.00	0	0.	0
15	T	1987+	.00	0	0.	0
16	T	1987+	.00	0	0.	0
17	.18	5 1987	.00	0	0.	0
18	T	1985+	.00	0	0.	0
19	.00	0 1987+	.00	0	0.	0
20	T	1987+	.00	0	0.	0
21	.00	0 1987+	.00	0	0.	0
22	T	1986+	.00	0	0.	0
23	.06	2 1986	.00	0	0.	0
24	.00	0 1987+	.00	0	0.	0
25	.00	0 1987+	.00	0	0.	0
26	T	1967	.00	0	0.	0
27	.00	0 1987+	.00	0	0.	0
28	.00	0 1987+	.00	0	0.	0
29	.00	0 1987+	.00	0	0.	0
30	T	1987+	.00	0	0.	0
31	.00	0 1987+	.00	0	0.	0
MONTH	.18	5 1987	.00	0	0.	0

NOTES : T = TRACE AMOUNTS (<.01. OR <.5. OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

003154 CAMP PENDLETON, CA

R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : AUG

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	DATE	INCHES	MM	DATE
1	.00	0	1987+	.00	0	1987
2	.00	0	1987+	.00	0	1987
3	T	1	1985+	.00	0	1987
4	T	1	1967	.00	0	1987
5	T	1	1985+	.00	0	1987
6	.00	0	1987+	.00	0	1987
7	T	1	1967	.00	0	1987
8	.00	0	1987+	.00	0	1987
9	.00	0	1987+	.00	0	1987
10	.00	0	1987+	.00	0	1987
11	.00	0	1987+	.00	0	1987
12	T	1	1969+	.00	0	1987
13	T	1	1987+	.00	0	1987
14	.02	1	1987	.00	0	1987
15	T	1	1969+	.00	0	1987
16	.00	0	1987+	.00	0	1987
17	.00	0	1987+	.00	0	1987
18	T	1	1986+	.00	0	1987
19	.00	0	1987+	.00	0	1987
20	T	1	1985+	.00	0	1987
21	.00	0	1987+	.00	0	1987
22	T	1	1967	.00	0	1987
23	.00	0	1987+	.00	0	1987
24	.00	0	1987+	.00	0	1987
25	.00	0	1987+	.00	0	1987
26	T	1	1969+	.00	0	1987
27	.00	0	1987+	.00	0	1987
28	.00	0	1987+	.00	0	1987
29	.00	0	1987+	.00	0	1987
30	.00	0	1987+	.00	0	1987
31	.02	1	1967	.00	0	1987
MONTH		.02	1	1987	.00	0
MONTH		.02	1	1987	.00	0

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OF < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987

MONTH : SEP

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.00	0	.00	0	0.	0
2	.02	1	.03	0	0.	0
3	T	1	.00	0	0.	0
4	.04	1	.00	0	0.	0
5	T	1	.00	0	0.	0
6	.00	0	.00	0	0.	0
7	T	1	.00	0	0.	0
8	.00	0	.00	0	0.	0
9	.00	0	.00	0	0.	0
10	.00	0	.00	0	0.	0
11	T	1	.00	0	0.	0
12	T	1	.00	0	0.	0
13	.18	5	.00	0	0.	0
14	T	1	.00	0	0.	0
15	T	1	.00	0	0.	0
16	.00	0	.00	0	0.	0
17	T	1	.00	0	0.	0
18	.02	1	.00	0	0.	0
19	T	1	.00	0	0.	0
20	T	1	.00	0	0.	0
21	.00	0	.00	0	0.	0
22	.01	0	.00	0	0.	0
23	T	1	.00	0	0.	0
24	.52	13	.00	0	0.	0
25	.00	0	.00	0	0.	0
26	T	1	.00	0	0.	0
27	.13	3	.00	0	0.	0
28	T	1	.00	0	0.	0
29	.02	1	.00	0	0.	0
30	.00	0	.00	0	0.	0
31						
MONTH	.53	13	.03	0	0.	0

NOTES :  
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).  
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

CO3154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987

MONTH : OCT

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.00	0	.00	0	0	0
2	.00	0	.00	0	0	0
3	.01	0	.00	0	0	0
4	T	1966	.00	0	0	0
5	.00	0	.00	0	0	0
6	T	1970+	.00	0	0	0
7	.05	1	.00	0	0	0
8	.05	1	.00	0	0	0
9	.02	1	.00	0	0	0
10	.60	15	.00	0	0	0
11	.65	17	.00	0	0	0
12	1.48	38	.00	0	0	0
13	.00	0	.00	0	0	0
14	T	1968+	.00	0	0	0
15	.00	0	.00	0	0	0
16	.00	0	.00	0	0	0
17	.05	1	.00	0	0	0
18	.02	1	.00	0	0	0
19	.00	0	.00	0	0	0
20	.00	0	.00	0	0	0
21	T	1987+	.00	0	0	0
22	.14	4	.00	0	0	0
23	.05	1	.00	0	0	0
24	.30	8	.00	0	0	0
25	.00	0	.00	0	0	0
26	T	1985+	.00	0	0	0
27	T	1987+	.00	0	0	0
28	.04	1	.00	0	0	0
29	.01	0	.00	0	0	0
30	.19	5	.00	0	0	0
31	.61	15	.00	0	0	0
MONTH	1.48	38	.00	0	0	0

NOTES :  
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).  
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

003154 CAMP PENOLDFION, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : NOV

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.06	2 1987	.00	0 1987	0.	0 1987
2	T	1 1987+	.00	0 1987	0.	0 1987
3	.00	0 1987+	.00	0 1987	0.	0 1987
4	.28	7 1987	.00	0 1987	0.	0 1987
5	.36	9 1987	.00	0 1987	0.	0 1987
6	.53	13 1969	.00	0 1987	0.	0 1987
7	.95	24 1966	.00	0 1987	0.	0 1987
8	.39	10 1984	.00	0 1987	0.	0 1987
9	.02	1 1985	.00	0 1987	0.	0 1987
10	.28	7 1969	.00	0 1987	0.	0 1987
11	.00	0 1987+	.00	0 1987	0.	0 1987
12	.26	7 1985	.00	0 1987	0.	0 1987
13	.22	6 1968	.00	0 1987	0.	0 1987
14	.10	3 1987	.00	0 1987	0.	0 1987
15	.93	24 1968	.00	0 1987	0.	0 1987
16	.05	1 1969	.00	0 1987	0.	0 1987
17	.18	5 1987	.00	0 1987	0.	0 1987
18	.69	23 1986	.00	0 1987	0.	0 1987
19	.00	0 1987+	.00	0 1987	0.	0 1987
20	.00	0 1987+	.00	0 1987	0.	0 1987
21	.05	1 1984	.00	0 1987	0.	0 1987
22	.00	0 1987+	.00	0 1987	0.	0 1987
23	.00	0 1987+	.00	0 1987	0.	0 1987
24	.00	0 1987+	.00	0 1987	0.	0 1987
25	.14	4 1985	.00	0 1987	0.	0 1987
26	.88	22 1984	.00	0 1987	0.	0 1987
27	.00	0 1987+	.00	0 1987	0.	0 1987
28	.02	1 1984	.00	0 1987	0.	0 1987
29	.00	0 1987+	.00	0 1987	0.	0 1987
30	.03	1 1968	.00	0 1987	0.	0 1987
31						
MONTH	.95	24 1966	.00	0 1987	0.	0 1987

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 21 - DAILY EXTREME AMOUNTS

003154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELFV. : 76 FT  
PERIOD OF RECORD : 1966-1987

MONTH : DEC

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	T	1969+	.00	0	0	0
2	.14	4 1985	.00	0	0	0
3	.42	11 1985	.00	0	0	0
4	.80	20 1987	.00	0	0	0
5	.01	0 1987	.00	0	0	0
6	.68	17 1986	.00	0	0	0
7	.01	0 1987	.00	0	0	0
8	1.30	33 1986	.00	0	0	0
9	.40	10 1970	.00	0	0	0
10	.51	13 1984	.00	0	0	0
11	.59	15 1985	.00	0	0	0
12	T	1987+	.00	0	0	0
13	.00	0 1987+	.00	0	0	0
14	.20	5 1970	.00	0	0	0
15	.00	0 1987+	.00	0	0	0
16	1.61	41 1987	.00	0	0	0
17	.80	20 1987	.00	0	0	0
18	.36	9 1984	.00	0	0	0
19	1.09	28 1984	.00	0	0	0
20	.21	5 1984	T	1968	0	0
21	1.50	38 1970	.00	0	0	0
22	.09	2 1970+	.00	0	0	0
23	T	1987+	.00	0	0	0
24	.00	0 1986+	.00	0	0	0
25	.35	9 1968	.00	0	0	0
26	.27	7 1968	.00	0	0	0
27	1.45	37 1984	.00	0	0	0
28	.00	0 1987+	.00	0	0	0
29	.12	3 1987	T	1987	0	0
30	.04	1 1987	.00	0	0	0
31	.00	0 1987+	.00	0	0	0
MONTH	1.61	41 1987	T	1987	0	0

NOTES :  
T = TRACE AMOUNTS (<.01. OR <.5. UP < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

PRECIPITATION (INCHES)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	T	T	MISS	MISS
1967	PART	T	1.02	.60	.04	.04	T	.02	.13	PART	MISS	MISS	MISS
1968	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	T	T	MISS	MISS
1969	1.51	1.89	PART	MISS	PART	PART	PART	PART	T	PART	.75	.30	PART
1970	.39	1.72	PART	PART	PART	PART	PART	PART	PART	.01	MISS	PART	MISS
1971	PART	PART	PART	PART	MISS	PART	PART	PART	PART	MISS	MISS	MISS	MISS
1972	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	T	T	MISS
1985	MISS	T	T	.00	MISS	MISS	MISS	MISS	.00	MISS	T	T	T
1986	PART	PART	PART	PART	PART	PART	PART	PART	PART	PART	MISS	PART	MISS
1987	PART	PART	.37	.74	.02	T	.13	.02	PART	1.49	.36	PART	MISS

MEAN \*\*\*\*\* .90 .46 .31 \*\*\*\*\* .04 .37 .16 .07 \*\*\*\*\*  
 S.D. \*\*\*\*\* 1.044 .516 .301 \*\*\*\*\* .075 .743 .312 .150 \*\*\*\*\*  
 TOT OBS \*\*\*\*\* 2 3 3 2 2 2 2 3 4 4 0

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

PRECIPITATION (INCHES)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

## YEAR/MONTHS WITH &lt; FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL PRECIP # DAYS
1967	1.37 25												
1969			.27 26		.13 23	.07 27	.05 24	1 30		.05 20			PRECIP # DAYS
1971			.58 29	.12 25	.02 23	1 24	1 22	.00 27	.00 23			1.50 24	PRECIP # DAYS
1971	.37 27	.70 22	.00 23	1.00 22		1 22	.00 21	.00 22	1 21				PRECIP # DAYS
1986	.70 20	2.22 20	2.67 20	.19 27	1 23	1 21	.26 24	1 21	.53 20	.60 23		1.30 22	PRECIP # DAYS
1987	1.37 22	.39 23							.18 20			1.61 25	PRECIP # DAYS



SNOWFALL (INCHES)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD: 1966-1987

R

LAT.: 33 16N LONG.: 117 21W ELEV.: 76 FT  
PAGE: 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1969	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1970	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1971	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1972	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1985	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1986	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1987	PART	PART	.C	.C	.C	.C	.C	.C	PART	.C	.C	PART	MISS

MEAN \*\*\*\*\*99999999.0  
 S.D. \*\*\*\*\*  
 TOT Q35 \*\*\*\*\*  
 NOTE: \*\*\*\*\*  
 I = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

24 - EXTREME VALUES

SNOWFALL (INCHES)  
(FROM DAILY OBS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD: 1966-1987

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1987	.0	.0							.0			T	SNOWFALL
	22	23							29			25	# DAYS

25 - EXTREME VALUES

SNOW DEPTH (INCHES)  
(FROM DAILY OBS)

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****999999.0
S.D.	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)  
(FROM DAILY OBS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 16N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1967	PARTI	W 21	W 32	W 44	W 26	W 22	W 16	W 21	W 22	W 22	W 22	W 22	MISSA
1968	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	MISSA
1969	SSW 40	S 39	PARTI	W 26	PARTI	PARTI	PARTI	PARTI	W 18	PARTI	N 27	N 30	PART
1970	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	MISSA
1971	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	MISSA
1972	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	MISSA
1973	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1974	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1975	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1976	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1977	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1978	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1979	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1980	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1981	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1982	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1983	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1984	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1985	MISSA	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	PARTI	MISSA
1986	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA
1987	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA	MISSA

MEAN \*\*\*\*\* 29.0 \*\*\*\*\* 30.5 \*\*\*\*\* 27.0 24.7 \*\*\*\*\* 99999999.0  
S.D. \*\*\*\*\* 9.165 \*\*\*\*\* 9.000 \*\*\*\*\* 5.508 4.726 \*\*\*\*\*  
TOT OBS 1 3 2 4 2 2 2 3 2 2 0

DAILY PEAK GUST (KNOTS)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD: 1966-1987

R

LAT.: 33 18N LONG.: 117 21W ELEV.: 76 FT  
PAGE: 1

## YEAR/MONTHS WITH &lt; FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966										W 21	SE 35	W 27	PEAK GUST # DAYS
										22	29	21	
1967	SSE 29									W 21	W 35	N 40	PEAK GUST # DAYS
	25									22	41	20	
1968	WNW 18	WNW 19	SSE 30										PEAK GUST # DAYS
	22	19	21										
1969			W 37		WSW 22	SW 23	SW 21	W 23		WSW 17			PEAK GUST # DAYS
			29		23	27	24	30		30			
1970	NE 20		WNW 21	WNW 23	W 17	W 16	W 17	W 18	E 20			SW 29	PEAK GUST # DAYS
	27		28	26	23	24	22	26	23			24	
1971	FNE 21	ENE 24	UNK 25	UNK 18	NE 23	UNK 16	UNK 18		UNK 17			UNK 28	PEAK GUST # DAYS
	23	22	23	22	20	22	20		21			20	
1972	UNK 27	UNK 17											PEAK GUST # DAYS
	21	19											
1985	WNW 20	UNK 34											PEAK GUST # DAYS
	25	30											
1986						UNK 22	UNK 20	UNK 21	NE 18				PEAK GUST # DAYS
						21	24	21	23				
1987							UNK 23	UNK 23		UNK 23	UNK 47		PEAK GUST # DAYS
							30	20			29	25	

## 29 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDELTON, CA  
PERIOD OF RECORD : 1966-1987LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JAN

## MEAN TEMPERATURE | MAXIMUM TEMPERATURE | EXTREME | AVERAGE | EXTREME | MINIMUM TEMPERATURE

DAY	DEG F	DEG C	AVERAGE DEG F	DEG C	EXTREME DEG F	DEG C	DATE	AVERAGE DEG F	DEG C	EXTREME DEG F	DEG C	DATE
1	53.3	11.8	70.0	21.1	75.0	23.9	1969.	36.5	2.5	29.0	-1.7	1970.
2	55.0	12.8	67.0	19.4	73.0	22.8	1987.	43.0	6.1	38.0	3.3	1969.
3	52.3	11.3	66.6	19.2	82.0	27.8	1969.	38.0	3.3	32.0	.0	1970.
4	52.5	11.6	65.2	18.4	83.0	28.3	1969.	40.7	4.8	32.0	.0	1970.
5	50.3	10.2	64.7	18.1	79.0	26.1	1964.	36.0	2.2	28.0	-2.2	1971.
6	53.7	12.1	68.7	20.4	77.0	25.0	1986.	39.7	3.7	31.0	-6	1972.
7	52.8	11.5	67.0	19.4	79.0	26.1	1986.	38.5	3.6	33.0	.6	1972.
8	51.2	10.6	64.8	18.2	80.0	26.7	1986.	37.5	3.1	29.0	-1.7	1971.
9	53.1	11.7	66.3	19.0	84.0	28.9	1986.	39.9	4.4	34.0	1.1	1971.
10	54.3	12.4	66.0	18.9	81.0	27.2	1986.	42.7	5.9	32.0	.0	1972.
11	56.1	13.4	69.9	21.0	91.0	32.8	1986.	42.4	5.8	32.0	.0	1972.
12	56.4	13.6	67.3	19.6	85.0	29.4	1987.	45.5	7.5	34.0	1.1	1972.
13	54.4	12.5	65.7	18.7	89.0	31.7	1986.	43.1	6.2	35.0	1.7	1987.
14	55.0	12.8	64.8	18.2	69.0	20.6	1987.	45.2	7.3	37.0	2.8	1987.
15	55.2	12.9	65.3	18.5	71.0	21.7	1971.	45.0	7.2	34.0	1.1	1971.
16	53.4	11.9	63.1	17.3	74.0	23.3	1971.	43.7	6.5	31.0	-6	1987.
17	50.8	10.4	61.3	16.3	69.0	20.6	1986.	40.3	4.6	25.0	-3.9	1987.
18	54.5	12.5	65.7	18.7	86.0	30.0	1971.	43.3	6.3	39.0	3.9	1967.
19	54.5	12.5	64.2	17.9	81.0	27.2	1971.	44.8	7.1	38.0	3.3	1967.
20	53.9	12.1	62.3	16.9	69.0	20.6	1970.	45.4	7.4	36.0	2.2	1967.
21	53.7	12.1	62.7	17.1	70.0	21.1	1987.	44.7	7.1	26.0	-3.3	1987.
22	55.2	12.9	63.7	17.6	72.0	22.2	1987.	46.7	8.2	28.0	-2.2	1987.
23	55.4	13.0	66.0	18.9	83.0	28.3	1968.	44.7	7.1	36.0	2.2	1987.
24	53.9	12.2	62.6	17.0	74.0	23.3	1972.†	45.3	7.4	34.0	1.1	1987.
25	53.9	12.2	62.2	16.8	65.0	18.3	1970.†	45.7	7.6	41.0	5.0	1972.†
26	54.9	12.7	65.3	19.0	86.0	30.0	1987.	43.5	6.4	35.0	1.7	1971.
27	55.6	13.1	69.0	20.6	86.0	30.0	1971.	42.3	5.7	35.0	1.7	1972.
28	55.4	13.0	69.4	20.8	84.0	28.9	1971.	41.4	5.2	33.0	.6	1972.
29	54.1	12.3	67.3	19.6	84.0	28.9	1971.	41.0	5.0	36.0	2.2	1986.†
30	51.2	10.6	61.7	16.5	68.0	20.0	1970.	40.7	4.8	31.0	-6	1970.
31	53.2	11.9	65.0	18.3	73.0	22.8	1986.	41.4	5.2	30.0	-1.1	1972.
MONTH	53.9	12.2	65.5	18.6	91.0	32.8	1986.	42.3	5.7	25.0	-3.9	1987.

## NOTES :

† = TRACE AMOUNTS (&lt;.01. OR &lt;.5. OR &lt; 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

25 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA K LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : FEB

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
1	50.3	10.1	62.0	16.7	76.0	24.4	1987.	35.5	3.6	32.0	-0.2
2	53.4	11.9	65.9	18.6	75.0	23.9	1970.	41.0	5.0	36.0	2.2
3	55.2	12.9	68.6	20.3	75.0	23.9	1970.	41.8	5.4	35.0	1.7
4	53.5	11.9	66.3	19.0	75.0	23.9	1967.	47.8	4.9	36.0	2.2
5	54.3	12.4	67.4	19.7	84.0	28.9	1987.	41.1	5.1	30.0	-1.1
6	53.8	12.1	66.4	19.1	82.0	27.8	1987.	41.1	5.1	35.0	1.7
7	52.6	11.4	66.6	19.2	84.1	28.9	1970.	38.6	3.7	33.0	-0.6
8	55.6	13.1	68.6	20.3	86.0	30.0	1970.	42.6	5.9	36.0	2.2
9	55.8	13.2	66.8	19.3	82.2	27.8	1971.	44.9	7.1	39.0	3.9
10	55.6	13.1	68.1	20.1	84.0	28.9	1971.	43.1	6.2	30.0	-1.1
11	56.8	13.7	69.9	21.0	82.0	27.8	1971.	43.6	6.5	36.0	2.2
12	57.9	14.4	69.9	21.0	90.0	32.2	1971.	46.0	7.8	40.0	4.4
13	57.1	14.0	66.4	19.1	89.0	31.7	1985.	47.9	8.8	40.0	4.4
14	56.6	13.7	66.7	19.3	89.0	31.7	1985.	46.4	8.0	35.0	1.7
15	56.6	13.7	67.0	19.4	84.0	28.9	1985.	46.3	7.9	42.0	5.6
16	54.8	12.7	64.8	18.2	74.0	23.3	1970.	44.8	7.1	40.0	4.4
17	54.1	12.3	65.8	18.5	71.0	21.7	1987.	42.3	5.7	35.0	1.7
18	54.0	12.2	66.4	19.1	74.0	23.3	1970.	41.6	5.3	35.0	1.7
19	54.9	12.7	63.4	17.4	74.0	23.3	1987.	46.5	8.1	39.0	3.9
20	53.7	12.0	63.3	17.4	72.0	22.2	1987.	44.1	6.7	36.0	2.2
21	53.5	11.9	65.5	18.6	70.0	21.1	1987.	41.5	5.3	33.0	-0.6
22	52.4	11.3	63.4	17.5	69.0	20.6	1970.	41.4	5.2	34.0	1.1
23	52.9	11.6	63.9	17.7	72.0	22.2	1970.	42.0	5.6	35.0	1.7
24	55.4	13.0	68.8	20.4	90.0	32.2	1986.	42.1	5.6	38.0	3.3
25	55.7	13.2	67.8	19.9	85.0	29.4	1986.	43.6	6.5	37.0	2.8
26	55.2	12.9	66.6	19.2	81.0	27.2	1986.	43.8	6.5	37.0	2.8
27	54.9	12.7	66.0	19.9	73.0	22.8	1967.	42.9	6.6	33.0	-0.6
28	56.6	13.7	65.7	18.5	70.0	21.1	1968.	47.9	8.8	39.0	3.3
MONTH	54.7	12.6	66.3	19.1	90.0	32.2	1986.	43.1	6.2	30.0	-1.1

NOTES :  
 T = TRACE AMOUNTS (<0.01, OR <0.5, OR <1.0 INCHES)  
 \* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

## 29 - DAILY AVERAGE/EXTREME TEMPERATURES

CO3154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : MAR

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
1	55.3	12.9	64.6	16.1	73.0	22.8	1967.	46.0	7.8	39.0	3.9
2	53.6	12.0	63.5	17.5	70.0	21.1	1971.	43.7	6.5	36.0	2.2
3	54.3	12.4	65.9	18.8	79.0	26.1	1987.	42.7	6.0	31.0	-6
4	56.2	13.4	69.9	21.0	60.0	32.2	1968.	42.5	5.8	33.0	.6
5	54.5	12.5	64.8	18.2	71.0	21.7	1986.	44.3	6.8	33.0	.6
6	54.6	12.5	62.4	16.9	69.0	20.6	1970.	46.9	8.3	36.0	2.2
7	54.0	12.2	63.6	17.5	70.0	21.1	1970.	44.4	6.9	33.0	.6
8	54.5	12.5	62.8	17.1	66.0	18.9	1987.+	45.2	7.9	37.0	2.8
9	55.5	13.1	63.8	17.7	71.0	21.7	1985.	47.2	8.4	42.0	5.6
10	55.6	13.1	63.1	17.3	71.0	21.7	1985.	48.0	8.9	40.0	4.4
11	55.6	13.1	65.5	18.6	75.0	23.9	1968.	45.8	7.6	37.0	2.8
12	54.5	12.5	65.0	18.3	68.0	20.0	1987.+	44.0	6.7	38.0	3.3
13	55.2	12.9	65.7	18.7	82.0	27.8	1970.	44.7	7.1	38.0	3.3
14	55.8	13.2	66.3	19.0	79.0	26.1	1970.	45.3	7.4	37.0	2.9
15	55.6	13.1	66.7	19.3	72.0	22.2	1970.	44.4	6.9	36.0	2.2
16	57.8	14.3	71.0	21.7	64.0	28.9	1971.	44.5	6.9	40.0	4.4
17	54.4	12.4	65.9	18.6	74.0	23.3	1987.	42.9	6.0	40.0	4.4
18	55.9	13.3	66.3	19.0	74.0	23.3	1971.	45.5	7.5	40.0	4.4
19	56.9	13.9	70.0	21.1	79.0	26.1	1986.+	43.9	6.6	35.0	1.7
20	56.0	13.3	70.7	21.5	85.0	29.4	1986.	41.3	5.2	33.0	.6
21	56.1	13.4	70.6	21.4	89.0	31.7	1986.	41.6	5.3	37.0	2.8
22	57.2	14.0	68.0	20.0	78.0	25.6	1968.	46.3	8.0	40.0	4.4
23	57.3	14.0	70.3	21.3	82.0	27.8	1985.	44.3	6.8	37.0	2.8
24	57.6	14.2	69.8	21.0	79.0	26.1	1969.	45.3	7.4	37.0	2.8
25	58.1	14.5	70.3	21.3	86.0	30.0	1969.	46.0	7.8	39.0	3.9
26	57.8	14.3	68.5	20.8	81.0	27.2	1969.	46.0	7.8	34.0	1.1
27	59.7	15.4	74.3	23.5	88.0	31.1	1966.	45.2	7.3	32.0	.0
28	58.3	14.6	70.1	21.2	83.0	28.3	1968.	46.4	8.0	31.0	-6
29	57.5	14.2	70.8	21.6	88.0	31.1	1971.	44.2	6.2	36.0	2.2
30	55.6	13.1	67.8	19.9	81.0	27.2	1987.	43.4	6.3	36.0	2.2
31	56.8	13.8	70.7	21.5	81.0	27.2	1987.	42.9	6.0	36.0	2.2
MONTH	56.0	13.3	67.3	19.6	90.0	32.2	1968.	44.7	7.0	31.0	-6

## NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0



24 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 MONTH : APR

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE							
AVERAGE		I		AVERAGE		I		AVERAGE		I		EXTREME			
DAY	DEG F	DEG C		DEG F	DEG C			DEG F	DEG C			DEG F	DEG C	DATE	
1	60.1	15.6		72.4	22.5		90.0	32.2	1985.		47.9	8.8	42.0	5.6	1987.
2	59.4	15.2		72.0	22.2		96.0	35.6	1985.		46.7	8.2	41.0	5.0	1987.
3	55.7	13.2		67.3	19.6		82.0	27.8	1985.		44.2	6.8	40.0	4.4	1969.
4	55.7	13.1		67.2	19.5		70.0	21.1	1985.+		44.2	6.8	36.0	2.2	1969.
5	58.4	14.7		70.2	21.2		90.0	32.2	1971.		46.7	8.1	41.0	5.0	1969.
6	56.7	13.7		67.5	19.7		82.0	27.8	1971.		45.8	7.7	40.0	4.4	1969.
7	57.8	14.4		70.7	21.5		80.0	26.7	1987.		45.0	7.2	35.0	1.7	1969.
8	59.1	15.1		73.1	22.9		88.0	31.1	1968.		45.1	7.3	38.0	3.3	1969.
9	59.4	15.2		72.6	22.5		90.0	32.2	1968.		46.1	7.9	42.0	5.6	1967.
10	61.3	16.3		74.2	23.4		94.0	34.4	1968.		48.5	9.2	43.0	6.1	1987.
11	58.3	14.6		67.0	19.4		73.0	22.8	1985.		49.5	9.7	42.0	5.6	1968.
12	59.1	15.1		68.3	20.2		78.0	25.6	1985.		50.0	10.0	46.0	7.8	1971.
13	59.5	15.3		72.3	22.4		83.0	28.3	1987.+		46.7	8.1	45.0	7.2	1987.
14	59.8	15.5		71.2	21.8		90.0	32.2	1987.		48.5	9.2	45.0	7.2	1986.
15	59.8	15.4		69.6	20.9		85.0	29.4	1987.		50.0	10.0	43.0	6.1	1969.
16	57.9	14.4		68.0	20.0		81.0	27.2	1987.		47.7	8.7	37.0	2.8	1969.
17	56.3	13.5		66.5	19.2		73.0	22.8	1969.		46.0	7.8	38.0	3.3	1969.
18	55.8	13.2		67.7	19.8		79.0	26.1	1986.		44.0	6.7	34.0	1.1	1968.
19	57.6	14.2		70.3	21.3		88.0	31.1	1986.		44.9	7.1	39.0	3.9	1968.
20	60.5	15.8		75.0	23.9		91.0	32.8	1986.		46.0	7.8	42.0	5.6	1969.
21	58.5	14.7		71.8	22.1		94.0	34.4	1987.		45.2	7.3	42.0	5.6	1967.
22	59.3	15.2		71.1	21.7		93.0	33.9	1987.		47.4	8.6	41.0	5.0	1971.
23	58.5	14.7		71.7	22.1		82.0	27.8	1968.		45.3	7.4	39.0	3.9	1968.
24	57.7	14.3		70.8	21.6		83.0	28.3	1985.		44.7	7.0	40.0	4.4	1968.
25	58.1	14.5		70.7	21.5		75.0	23.9	1987.+		45.5	7.5	36.0	2.2	1969.
26	59.7	15.4		71.0	21.7		90.0	32.2	1969.		48.3	9.1	38.0	3.3	1969.
27	60.0	15.6		74.4	23.6		92.0	33.3	1969.		45.6	7.6	38.0	3.3	1985.
28	60.5	15.8		73.3	23.0		88.0	31.1	1969.		47.7	8.7	40.0	4.4	1985.
29	57.8	14.3		67.9	19.9		74.0	23.3	1986.+		47.7	8.7	52.0	.0	1969.
30	59.4	15.2		70.1	21.2		76.0	24.4	1985.		48.7	9.3	43.0	6.1	1967.
MONTH	59.6	14.8		70.5	21.4		96.0	35.6	1985.		46.7	8.2	32.0	.0	1969.

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OF <1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

## 29 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : MAY

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE				
AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
1	59.7	15.4	69.7	20.9	78.0	25.6	1986.	49.8	9.9	42.0	5.6	1967.
2	60.8	16.0	70.0	21.1	79.0	26.1	1986.	51.7	10.9	44.0	6.7	1967.
3	59.7	15.4	68.8	20.5	77.0	25.0	1987.	50.5	10.3	41.0	5.0	1986.
4	60.1	15.6	70.8	21.6	84.0	28.9	1987.	49.4	9.7	44.0	6.7	1986.
5	58.5	14.7	68.3	20.2	83.0	28.3	1987.	48.7	9.3	43.0	6.1	1969.
6	59.1	15.0	66.9	19.4	79.0	26.1	1987.	51.3	10.7	41.0	5.0	1967.
7	59.2	15.1	69.0	20.6	73.0	22.8	1987.	49.4	9.7	43.0	6.1	1968.
8	61.5	16.4	71.5	21.9	78.0	25.6	1969.	51.5	10.8	42.0	5.6	1986.
9	61.7	16.5	72.5	22.5	86.0	30.0	1969.	50.8	10.5	40.0	4.4	1986.
10	59.9	15.5	66.4	19.1	73.0	22.8	1987.	53.4	11.9	48.0	8.9	1971.
11	61.4	16.3	69.0	20.6	80.0	26.7	1987.	53.8	12.1	49.0	9.4	1985.4
12	61.5	16.4	68.3	20.2	83.0	28.3	1987.	54.7	12.6	48.0	8.9	1967.
13	60.6	15.9	68.7	20.4	74.0	23.3	1985.	52.6	11.4	47.0	8.3	1967.
14	62.6	17.0	72.4	22.5	80.0	26.7	1967.	52.7	11.5	43.0	6.1	1968.
15	61.9	16.6	73.0	22.8	76.0	24.4	1967.	50.8	10.5	40.0	4.4	1968.
16	63.9	17.7	72.5	22.5	76.0	24.4	1987.	55.3	13.0	46.0	7.8	1968.
17	63.9	17.7	72.7	22.6	77.0	25.0	1971.	55.2	12.9	51.0	10.6	1967.
18	63.1	17.3	74.0	23.3	85.0	29.4	1971.	52.2	11.2	46.0	7.6	1971.
19	63.6	17.6	73.6	23.1	84.0	28.8	1971.	53.7	12.1	47.0	8.3	1971.
20	63.3	17.4	70.7	21.5	74.0	23.3	1986.	55.9	13.3	49.0	9.4	1971.
21	61.8	16.5	68.3	20.2	74.0	23.3	1985.	55.3	12.9	51.0	10.6	1987.4
22	61.1	16.2	70.7	21.5	77.0	25.0	1985.	51.5	10.8	47.0	8.3	1987.
23	63.0	17.2	72.0	22.2	77.0	25.0	1985.	54.0	12.2	48.0	8.9	1968.
24	62.2	16.9	70.3	21.3	76.0	24.4	1985.	54.2	12.3	48.0	8.9	1971.
25	60.9	16.0	68.8	20.4	73.0	22.8	1968.	53.0	11.7	47.0	8.3	1968.
26	63.0	17.2	72.4	22.4	82.0	27.8	1968.	53.6	12.0	50.0	10.0	1968.
27	62.7	17.1	71.3	21.9	77.0	25.0	1969.4	54.2	12.3	52.0	11.1	1969.
28	61.8	16.5	71.1	21.7	77.0	25.0	1986.	52.4	11.3	46.0	7.8	1985.
29	64.2	17.9	71.8	22.1	76.0	24.4	1986.	56.5	13.6	51.0	10.6	1987.
30	64.2	17.9	72.0	22.2	79.0	26.1	1985.	56.4	13.6	52.0	11.1	1985.
31	62.4	16.9	70.3	21.2	78.0	25.6	1987.	54.5	12.5	52.0	11.1	1987.
MONTH	61.7	16.5	70.6	21.4	86.0	30.0	1969.	52.9	11.6	40.0	4.4	1986.4

NOTES :

T = TRACE AMOUNTS (&lt;.01. OR &lt;.5. OR &lt; 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

25 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH : JUN

MEAN TEMPERATURE			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE		
DAY	AVERAGE DEG F	DEG C	AVERAGE DEG F	DEG C	EXTREME DEG F	EXTREME DEG C	AVERAGE DEG F	EXTREME DEG F
1	62.3	16.9	71.5	21.9	83.0	28.3	53.2	50.0
2	62.7	17.1	70.7	21.5	80.0	26.7	54.7	45.0
3	62.6	17.0	71.0	21.7	78.0	25.6	54.1	45.0
4	64.4	18.0	72.7	22.6	89.0	31.7	56.0	49.0
5	64.7	18.1	72.5	22.5	85.0	29.4	56.8	50.0
6	64.8	18.2	74.3	23.5	93.0	33.9	55.3	49.0
7	65.0	18.3	73.0	22.8	88.0	31.1	57.0	52.0
8	63.7	17.6	70.4	21.3	87.0	30.6	57.0	53.0
9	64.9	18.3	72.0	22.2	86.0	30.0	57.8	56.0
10	63.9	17.7	71.0	21.7	78.0	25.6	56.7	48.0
11	64.4	18.0	72.0	22.2	76.0	24.4	56.7	53.0
12	64.4	18.0	71.0	21.7	78.0	25.6	57.8	53.0
13	65.7	18.7	73.7	23.1	78.0	25.6	57.8	55.0
14	66.3	19.1	74.8	23.8	87.0	30.6	57.8	54.0
15	64.9	18.3	75.6	24.2	84.0	28.9	54.2	52.0
16	63.7	17.6	72.9	22.7	77.0	25.0	54.5	48.0
17	65.0	18.3	74.0	23.3	81.0	27.2	56.0	51.0
18	65.4	18.5	74.0	23.3	78.0	25.6	56.7	51.0
19	64.7	18.2	74.3	23.5	79.0	26.1	55.2	53.0
20	66.8	19.4	74.5	23.6	83.0	28.3	59.2	52.0
21	66.9	19.4	76.8	24.9	90.0	32.2	57.0	49.0
22	65.6	18.7	74.5	23.6	78.0	25.6	56.7	49.0
23	65.4	18.5	72.6	22.5	77.0	25.0	58.2	55.0
24	65.0	18.3	72.1	22.3	77.0	25.0	57.9	53.0
25	65.9	18.8	72.9	22.7	79.0	26.1	58.9	53.0
26	65.2	18.5	73.7	23.1	80.0	26.7	56.8	51.0
27	67.0	19.4	77.2	25.1	96.0	35.6	56.8	54.0
28	65.3	18.5	74.0	23.3	87.0	30.6	56.5	50.0
29	64.0	17.9	72.0	22.2	77.0	25.0	56.0	50.0
30	65.3	18.5	77.2	25.1	88.0	31.1	57.4	49.0
MONTH	64.9	18.3	72.3	22.9	96.0	35.6	56.5	45.0
								7.2

NOTES :

T = TRACE AMOUNTS (<0.01, OR <0.5, OR <1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OPTITED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : JUL

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
1	66.9	19.4	80.1	26.7	112.0	44.4	1985.	53.6	12.0	46.0	7.8
2	68.1	20.0	79.8	26.5	97.0	36.1	1985.	56.4	13.5	51.0	10.6
3	69.3	20.7	80.4	26.9	93.0	33.9	1985.	58.1	14.5	52.0	11.1
4	65.2	18.4	72.0	22.8	77.0	25.0	1987.	57.3	14.1	55.0	12.8
5	66.0	18.9	72.0	22.2	75.0	23.9	1987.	60.0	15.6	57.0	13.9
6	65.4	18.5	71.5	21.9	75.0	23.9	1987.+	59.3	15.1	55.0	12.9
7	66.8	19.4	75.0	23.9	80.0	26.7	1986.	58.7	14.8	54.0	12.2
8	69.4	20.8	80.1	26.7	94.0	34.4	1969.	58.8	14.9	52.0	11.1
9	70.4	21.4	82.6	28.1	98.0	36.7	1985.	58.3	14.6	50.0	10.0
10	69.5	20.8	80.3	26.8	96.0	35.6	1988.	58.7	14.8	54.0	12.2
11	69.9	21.1	80.7	27.1	90.0	32.2	1985.+	59.1	15.1	53.0	11.7
12	70.0	21.1	80.9	27.1	88.0	31.1	1968.	59.1	15.1	57.0	13.9
13	69.6	20.9	77.5	25.3	84.0	28.9	1971.	61.8	16.5	58.0	14.4
14	68.9	20.5	77.4	25.2	89.0	31.7	1986.	60.3	15.7	50.0	10.0
15	69.6	20.9	77.8	25.4	87.0	30.6	1985.	61.4	16.3	50.0	10.0
16	68.9	20.5	75.6	24.2	84.0	28.9	1985.	62.1	16.7	57.0	13.9
17	68.0	20.0	76.1	24.5	81.0	27.2	1985.	59.9	15.5	56.0	13.3
18	69.4	20.8	76.7	26.5	86.0	30.0	1985.+	59.2	15.1	55.0	12.8
19	70.3	21.3	80.3	26.9	87.0	30.6	1985.	60.3	15.7	49.0	9.4
20	69.3	20.7	78.4	25.8	84.0	28.9	1970.	60.2	15.7	56.0	13.3
21	69.0	20.6	77.7	25.4	87.0	30.6	1970.	60.4	15.8	56.0	13.3
22	69.4	20.8	78.9	26.0	92.0	33.3	1985.	59.9	15.5	52.0	11.1
23	69.4	20.8	77.8	25.4	82.0	27.8	1985.	61.1	16.2	54.0	12.2
24	69.1	20.6	76.3	24.6	80.0	26.7	1986.	61.9	16.6	54.0	12.2
25	68.5	20.3	76.6	24.8	81.0	27.2	1985.	60.4	15.6	52.0	11.1
26	70.3	21.3	79.3	26.3	92.0	33.3	1985.	61.3	16.3	56.0	13.3
27	69.4	20.8	76.5	24.7	77.0	25.0	1987.+	62.3	16.8	58.0	14.4
28	71.1	21.7	78.0	25.6	80.0	26.7	1969.	64.2	17.9	62.0	16.7
29	71.4	21.9	81.0	27.2	88.0	31.1	1968.	61.9	16.6	57.0	11.1
30	71.6	22.0	82.0	27.8	88.0	31.1	1971.	61.1	16.2	52.0	11.1
31	70.4	21.3	81.6	27.5	86.0	31.1	1970.	59.1	15.1	52.0	11.1
MONTH	69.2	20.7	78.6	25.9	112.0	44.4	1985.	59.8	15.4	46.0	7.8

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OF < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
 PERIOD OF RECORD : 1966-1987 MONTH :AUS

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		I		AVERAGE		I		AVERAGE		I	
DAY	DEG F	DEG C	DATE	DEG F	DEG C	DATE	DEG F	DEG C	DATE	DEG F	DEG C
1	71.0	21.7	80.5	26.9	89.0	31.7	1987.	61.5	16.4	55.0	12.8
2	73.5	23.1	84.7	29.3	96.0	35.6	1971.	62.3	16.9	52.0	11.1
3	71.0	21.7	80.3	26.9	88.0	31.1	1971.	61.7	16.5	53.0	11.7
4	71.7	22.0	81.6	27.6	96.0	35.6	1971.	61.7	16.5	55.0	12.8
5	71.9	22.2	81.4	27.4	92.0	33.3	1971.	62.5	16.9	53.0	11.7
6	71.7	22.0	81.9	27.7	93.0	33.9	1971.	61.5	16.4	55.0	12.8
7	71.9	22.1	82.9	28.3	100.0	37.8	1969.	60.9	16.0	54.0	12.2
8	71.3	21.8	80.7	27.1	89.0	31.7	1970.	61.0	16.6	58.0	14.4
9	69.3	20.7	80.0	26.7	88.0	31.1	1969.	58.6	14.8	54.0	12.2
10	73.8	23.2	83.3	28.5	97.0	36.1	1969.	64.2	17.9	62.0	16.7
11	72.6	22.5	81.0	27.2	98.0	36.1	1971.	64.2	17.9	60.0	15.6
12	71.9	22.2	80.6	27.0	86.0	30.0	1971.	63.3	17.4	59.0	15.0
13	71.1	21.7	79.8	26.0	85.0	29.4	1971.	63.4	17.4	59.0	15.0
14	69.4	20.8	77.6	25.3	83.0	28.3	1970.	61.3	16.3	54.0	12.2
15	69.4	20.8	78.0	25.6	81.0	27.2	1985.*	60.7	16.0	55.0	12.8
16	71.1	21.7	79.9	26.0	84.0	28.9	1970.	63.3	17.4	52.0	11.1
17	69.9	21.1	77.8	25.5	82.0	27.8	1970.	62.0	16.7	56.0	13.3
18	70.6	21.4	79.7	26.5	97.0	36.1	1986.	61.5	16.4	55.0	12.8
19	71.1	21.7	81.5	27.5	97.0	36.1	1986.	60.6	15.9	54.0	12.2
20	71.2	21.8	80.6	26.9	92.0	33.3	1986.	61.9	16.6	53.0	11.7
21	70.0	21.1	81.3	27.4	91.0	32.8	1969.	58.7	14.8	53.0	11.7
22	70.2	21.2	83.8	28.8	102.0	39.9	1969.	56.7	13.7	50.0	10.0
23	68.8	20.5	84.0	28.9	96.0	35.6	1969.	53.7	12.0	44.0	6.7
24	70.1	21.2	80.8	27.1	89.0	31.7	1969.	59.3	15.2	53.0	11.7
25	71.3	21.8	81.4	27.5	90.0	32.2	1969.	61.2	16.2	55.0	12.8
26	71.4	21.9	83.1	28.4	91.0	32.8	1985.	59.8	15.4	51.0	10.6
27	72.1	22.3	82.6	28.1	91.0	32.8	1985.	61.6	16.5	56.0	13.3
28	71.1	21.7	81.6	27.5	90.0	32.2	1969.	60.7	16.0	56.0	13.3
29	70.5	21.4	75.9	26.6	89.0	31.7	1985.	61.1	16.2	57.0	13.9
30	72.4	22.5	83.0	28.3	97.0	36.1	1985.	61.8	16.6	58.0	14.4
31	70.9	21.6	81.0	27.2	91.0	32.8	1971.	61.8	16.0	57.0	13.9
MONTH	71.1	21.7	81.1	27.3	102.0	38.9	1969.	61.2	16.2	44.0	6.7

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OR < 1.0 INCHES)  
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD: 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : SEP

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		I		AVERAGE		I		AVERAGE		I	
DAY	DEG. F	DEG. C	DATE	DEG. F	DEG. C	DATE	DEG. F	DEG. C	DATE	DEG. F	DEG. C
1	73.7	23.1	1987.	86.0	25.0	1987.	104.0	40.0	1987.	61.3	16.3
2	72.6	22.5	1987.	81.1	27.3	1987.	59.0	31.7	1987.	64.0	17.8
3	70.5	21.4	1987.	77.0	25.0	1987.	79.0	26.1	1987.	64.0	17.8
4	69.1	20.6	1987.	77.7	25.4	1987.	82.0	27.8	1987.	60.4	15.8
5	70.2	21.2	1987.	78.7	25.9	1987.	84.0	28.9	1987.	61.7	16.5
6	69.0	20.6	1987.	79.8	26.6	1987.	85.0	29.4	1987.	58.2	14.6
7	71.9	22.2	1987.	83.6	28.7	1987.	89.0	31.7	1987.	60.2	15.7
8	71.6	22.0	1987.	83.3	28.5	1987.	90.0	32.2	1987.	60.0	15.6
9	70.9	21.6	1987.	81.1	27.3	1987.	91.0	32.8	1987.	60.6	15.9
10	71.3	21.8	1987.	82.4	28.0	1987.	89.0	31.7	1987.	60.1	15.6
11	69.1	20.6	1987.	78.8	26.0	1987.	81.0	27.2	1987.	59.3	15.2
12	68.8	20.4	1987.	78.4	25.8	1987.	86.0	30.0	1987.	59.2	15.1
13	71.1	21.7	1987.	82.0	27.8	1987.	106.0	41.1	1987.	60.2	15.6
14	69.2	20.7	1987.	77.8	25.5	1987.	93.0	33.9	1987.	60.7	15.9
15	67.5	19.7	1987.	76.0	24.4	1987.	91.0	32.2	1987.	59.0	15.0
16	68.7	20.4	1987.	77.1	25.1	1987.	91.0	32.2	1987.	60.3	15.7
17	68.9	20.5	1987.	77.4	25.8	1987.	94.0	34.4	1987.	59.4	15.2
18	69.2	20.7	1987.	76.9	24.9	1987.	95.0	35.0	1987.	61.6	16.4
19	66.3	19.0	1987.	74.5	23.6	1987.	78.0	25.6	1987.	58.0	14.4
20	66.9	19.4	1987.	76.0	24.4	1987.	82.0	27.8	1987.	57.7	14.3
21	66.9	19.4	1987.	78.0	25.6	1987.	90.0	32.2	1987.	55.9	13.3
22	68.0	20.0	1987.	81.9	27.7	1987.	94.0	34.4	1987.	54.1	12.3
23	68.2	20.1	1987.	80.4	26.9	1987.	96.0	35.6	1987.	56.0	13.3
24	68.2	20.1	1987.	80.3	26.8	1987.	96.0	35.6	1987.	56.1	13.4
25	69.9	21.1	1987.	80.4	26.9	1987.	94.0	34.4	1987.	59.4	15.2
26	70.0	21.1	1987.	79.6	26.4	1987.	98.0	36.7	1987.	60.4	15.8
27	69.9	21.1	1987.	80.4	26.9	1987.	103.0	39.4	1987.	59.4	15.2
28	69.2	20.6	1987.	80.0	26.7	1987.	98.0	36.7	1987.	58.3	14.6
29	68.9	20.5	1987.	79.7	26.5	1987.	90.0	32.2	1987.	58.2	14.5
30	67.9	19.9	1987.	78.8	26.0	1987.	90.0	32.2	1987.	57.0	13.9
MONTH	69.4	20.8		76.5	26.4		106.0	41.1		58.3	15.2
										46.0	7.8

NOTES:  
T = TRACE AMOUNTS (0.01, OR LESS, OR 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

003154 CAMP PENDLETON, CA

PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : OCT

MEAN TEMPERATURE										MINIMUM TEMPERATURE									
MAXIMUM TEMPERATURE					AVERAGE					MINIMUM TEMPERATURE					AVERAGE				
DAY	DEG F	DEG C	DEG C	DEG C	DEG F	DEG C	DEG C	DEG C	DEG C	DEG F	DEG C	DEG C	DEG C	DEG C	DEG F	DEG C	DEG C	DEG C	DATE
1	66.6	19.2	77.8	25.4	95.0	35.0	1987.	55.5	13.1	47.0	8.3	1971.							
2	67.8	19.9	79.5	26.4	94.0	34.4	1985.	56.0	13.3	48.0	8.9	1986.							
3	68.8	20.5	81.2	27.3	108.0	42.2	1987.	56.4	13.6	48.0	8.9	1986.							
4	68.7	20.4	81.3	27.4	105.0	40.6	1987.	56.0	13.3	47.0	8.3	1971.							
5	67.1	19.5	79.3	26.3	98.0	36.7	1971.	54.9	12.7	50.0	10.0	1968.							
6	67.3	19.6	79.3	26.2	103.0	39.4	1971.	55.3	12.9	42.0	5.6	1969.							
7	67.4	19.7	77.9	25.5	94.0	34.4	1971.	56.9	13.8	48.0	8.9	1969.							
8	66.6	19.2	78.4	25.6	87.0	30.6	1970.	54.7	12.6	44.0	6.7	1970.+							
9	63.7	17.6	75.4	24.1	82.0	27.8	1970.	52.0	11.1	46.0	7.8	1970.							
10	63.6	17.5	73.8	23.2	79.0	26.1	1985.	53.4	11.9	44.0	6.7	1970.							
11	64.1	17.9	74.6	23.7	80.0	26.7	1969.	52.7	12.1	51.0	10.6	1987.							
12	63.7	17.6	73.6	23.1	80.0	26.7	1971.	53.8	12.1	43.0	6.1	1969.							
13	63.4	17.4	72.7	22.6	77.0	25.0	1971.	54.0	12.2	44.0	6.7	1969.							
14	64.9	18.3	75.6	24.2	86.0	30.0	1986.	54.1	12.3	42.0	5.6	1986.							
15	64.1	17.9	76.0	24.4	93.0	33.9	1985.	52.3	11.3	46.0	7.8	1986.+							
16	65.2	18.5	79.4	26.3	93.0	33.9	1967.	51.0	10.6	43.0	6.1	1986.							
17	67.4	19.7	77.5	25.3	89.0	31.7	1968.	57.3	14.0	48.0	8.9	1966.							
18	63.6	17.6	74.2	23.5	84.0	28.9	1968.	53.0	11.7	42.0	5.6	1971.							
19	61.4	16.3	72.3	22.4	76.0	24.4	1968.	50.6	10.3	42.0	5.6	1969.							
20	60.4	15.8	72.9	22.7	79.0	26.1	1969.	47.9	8.8	41.0	5.0	1971.							
21	62.6	17.0	75.6	24.2	87.0	30.6	1986.	49.5	9.7	44.0	6.7	1971.							
22	63.9	17.7	76.9	24.9	87.0	30.6	1971.	50.9	10.5	43.0	6.1	1971.							
23	64.1	17.8	76.6	24.8	89.0	31.7	1968.	51.6	10.9	43.0	6.1	1968.							
24	63.4	17.5	75.3	24.0	93.0	33.9	1968.	51.6	10.9	45.0	7.2	1985.							
25	64.0	17.8	76.7	24.8	88.0	31.1	1968.	51.3	10.7	46.0	7.8	1985.							
26	61.3	16.3	73.1	22.8	89.0	31.7	1987.	49.6	9.8	42.0	5.6	1970.							
27	62.9	17.1	73.9	23.3	88.0	31.1	1987.	51.9	11.0	40.0	4.4	1968.							
28	62.5	16.9	73.9	23.3	86.0	30.0	1970.	51.1	10.6	42.0	5.6	1971.							
29	60.4	15.8	73.1	22.3	83.0	28.3	1970.	47.6	8.7	37.0	2.8	1971.							
30	63.6	17.5	77.7	25.4	91.0	32.8	1969.	49.3	9.6	39.0	3.9	1970.							
31	61.4	16.3	73.9	23.3	87.0	30.6	1969.	44.9	9.4	40.0	4.4	1970.							
MONTH	64.4	18.0	76.1	24.5	108.0	42.2	1987.	52.7	11.5	37.0	2.8	1971.							

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OF < 1.0 INCHES)  
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

05 - DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : NOV

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DATE	DEG F	DEG C	DATE	DEG F	DEG C	DATE	DEG F	DEG C
1	63.1	17.3	80.1	26.7	94.0	34.4	1966.	45.1	7.8	34.0	1.1
2	62.6	17.0	78.2	25.7	90.0	32.2	1985.+	47.0	8.3	37.0	2.8
3	61.0	16.1	74.3	23.5	86.0	20.0	1971.	47.8	8.7	38.0	3.3
4	61.2	16.2	74.4	23.5	82.0	27.8	1985.	46.0	8.9	40.0	4.4
5	59.8	15.5	72.3	22.4	80.0	26.7	1986.	47.4	8.6	41.0	5.0
6	61.3	16.2	71.4	21.9	77.0	25.0	1985.	51.1	10.6	42.0	5.6
7	60.0	15.6	69.4	20.8	76.0	24.4	1985.	50.6	10.3	42.0	5.6
8	61.3	16.2	72.5	22.5	89.0	31.7	1968.	50.0	10.0	45.0	7.2
9	59.5	15.3	72.1	22.3	81.0	27.2	1987.+	46.9	8.3	41.0	5.0
10	60.4	15.8	74.7	23.7	87.0	30.6	1987.	46.0	7.8	35.0	1.7
11	65.4	18.5	81.5	27.6	89.0	31.7	1987.	49.0	9.4	44.0	6.7
12	60.5	15.9	73.4	23.0	84.0	28.9	1986.	47.7	8.7	42.0	5.6
13	59.8	15.4	71.4	21.9	85.0	29.4	1969.	48.1	9.0	41.0	5.0
14	58.1	14.5	70.6	21.5	77.0	25.0	1986.	45.5	7.5	35.0	1.7
15	56.8	13.3	67.4	19.7	76.0	24.4	1985.	46.3	7.9	36.0	2.2
16	58.1	14.5	68.5	20.3	77.0	25.0	1970.	47.8	8.7	38.0	3.3
17	57.8	14.4	70.1	21.2	77.0	25.0	1970.	45.6	7.5	36.0	2.2
18	56.6	13.7	68.9	20.5	84.0	28.9	1987.	44.4	6.9	39.0	3.9
19	59.9	15.5	74.5	23.6	88.0	31.1	1987.	45.3	7.4	38.0	3.3
20	60.3	15.7	76.3	24.6	84.0	28.9	1968.	44.3	6.8	35.0	1.7
21	58.4	14.7	68.8	20.4	79.0	26.1	1968.	48.1	9.0	40.0	4.4
22	55.1	12.9	67.6	19.8	73.0	22.8	1969.	42.7	6.0	37.0	2.8
23	56.0	13.3	70.7	21.5	81.0	27.2	1969.	41.3	5.2	37.0	2.8
24	57.7	14.3	72.6	22.5	83.0	28.3	1969.	42.8	6.0	37.0	2.8
25	57.1	14.0	70.1	21.2	84.0	28.9	1969.	44.1	6.7	39.0	3.9
26	58.6	14.8	75.0	23.9	82.0	27.8	1986.+	42.2	5.7	37.0	2.8
27	57.9	14.4	72.7	22.6	84.0	28.9	1969.	43.2	6.2	34.0	1.1
28	56.7	13.7	69.3	20.7	80.0	26.7	1969.	44.2	6.8	34.0	1.1
29	54.4	12.4	68.1	20.1	76.0	24.4	1969.	40.6	4.9	35.0	1.7
30	54.3	12.4	65.1	18.4	72.0	22.2	1969.	43.4	6.3	36.0	2.2
MONTH	59.0	15.0	72.0	22.2	84.0	34.4	1966.	46.0	7.8	34.0	1.1

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OF < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0



# DAILY AVERAGE/EXTREME TEMPERATURES

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : DEC

MEAN TEMPERATURE			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE		
AVERAGE		DATE	EXTREME		DATE	AVERAGE		EXTREME
DAY	DEG F		DEG C	DEG F		DEG C	DEG F	
1	55.2	12.9	67.9	19.2	82.0	27.8	1986.	35.0
2	57.1	13.9	69.0	20.6	85.0	29.4	1986.	36.0
3	56.8	13.8	69.6	20.9	80.0	26.7	1986.	37.0
4	56.8	13.7	70.0	21.1	80.0	26.7	1985.	36.0
5	58.3	14.6	69.1	20.6	79.0	26.1	1970.	34.0
6	54.9	12.7	66.3	19.0	71.0	21.7	1985.	31.0
7	55.1	12.8	67.3	19.6	74.0	23.3	1970.	34.0
8	52.7	11.5	64.6	18.1	71.0	21.7	1986.+	33.0
9	52.0	11.1	64.0	18.3	71.0	21.7	1987.	30.0
10	52.2	11.2	66.5	19.2	81.0	27.2	1987.	32.0
11	54.1	12.3	68.0	20.0	75.0	23.9	1987.+	32.0
12	54.0	12.2	68.3	20.2	74.0	23.3	1966.	32.0
13	51.3	10.7	64.0	17.8	73.0	22.8	1969.	30.0
14	50.9	10.5	64.8	18.2	77.0	25.0	1985.	30.0
15	50.5	10.3	67.9	17.7	73.0	22.8	1985.	27.0
16	53.8	12.1	67.0	19.4	81.0	27.2	1985.	30.0
17	53.1	11.7	66.0	18.9	81.0	27.2	1985.	31.0
18	53.1	11.7	65.8	18.7	85.0	29.4	1985.	32.0
19	53.5	11.9	64.4	18.0	81.0	27.2	1985.	36.0
20	52.0	11.1	63.0	17.7	84.0	28.9	1985.	30.0
21	50.6	10.3	62.3	16.8	89.0	30.6	1987.	25.0
22	52.6	11.4	64.4	18.0	75.0	23.0	1986.	32.0
23	52.7	11.5	64.3	17.9	72.0	22.2	1985.	34.0
24	52.5	11.4	67.0	19.4	78.0	25.6	1985.	32.0
25	50.0	10.0	61.0	16.1	65.0	18.3	1969.	36.0
26	51.4	10.8	64.2	17.9	73.0	22.8	1967.	30.0
27	50.1	10.0	61.3	16.3	71.0	21.7	1985.	31.0
28	50.4	10.2	59.9	15.5	66.0	18.9	1984.	35.0
29	50.7	10.4	63.0	17.7	79.0	26.1	1986.	25.0
30	52.4	11.3	62.0	20.0	78.0	25.6	1986.	29.0
31	53.8	12.1	69.3	20.7	79.0	26.1	1968.	29.0
MONTH	53.2	11.8	65.8	18.6	85.0	29.4	1986.+	25.0

NOTES :  
T = TRACE AMOUNTS (<.01, OR <.5, OF < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).  
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

# 30 - EXTREME VALUES

## MAXIMUM TEMPERATURE (DEG F) (FROM DAILY OBS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

H

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1967	PART	75	73	63	80	63	77	78	93	PART	PART	PART	MISS
1968	PART	PART	PART	PART	PART	00	96	96	96	93	89	79	MISS
1969	83	75	PART	92	PART	PART	PART	PART	88	PART	86	82	PART
1970	76	86	PART	MISS	MISS	MISS	PART	PART	PART	87	MISS	PART	MISS
1971	PART	PART	PART	PART	PART	PART	PART	PART	PART	MISS	MISS	PART	MISS
1972	PART	PART	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1985	MISS	PART	PART	96	PART	PART	PART	PART	PART	PART	PART	PART	MISS
1986	PART	PART	PART	PART	PART	PART	PART	PART	PART	PART	PART	PART	MISS
1987	PART	PART	89	04	84	89	87	92	PART	108	89	PART	MISS

MEAN \*\*\*\*\* 78.7 \*\*\*\*\* 86.3 \*\*\*\*\* 82.3 86.7 83.7 92.3 96.0 89.0 \*\*\*\*\*0999999.0  
S.D. \*\*\*\*\* 6.351 \*\*\*\*\* 15.596 \*\*\*\*\* 12.423 9.504 9.452 4.041 10.817 1.732 \*\*\*\*\*  
TOT OBS \*\*\*\*\* 2 \*\*\*\*\* 4 \*\*\*\*\* 7 \*\*\*\*\* 3 \*\*\*\*\* 3 \*\*\*\*\* 2 \*\*\*\*\* 0

# 30 - EXTREME VALUES

## MAXIMUM TEMPERATURE (DEG F) (FROM DAILY OBS)

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 PAGE : 1

### YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966										83.	94.	74.	MAX TEMP # DAYS
										23	20	21	
1967	76.									93.	80.	73.	MAX TEMP # DAYS
	25									22	21	20	
1968	93.	72.	90.	94.	82.								MAX TEMP # DAYS
	22	19	21	22	29								
1969			86.		86.	84.	88.	102.		91.			MAX TEMP # DAYS
			29		23	27	24	30		30			
1970			92.				88.	89.	103.			79.	MAX TEMP # DAYS
			29				22	25	24			24	
1971	86.	90.	88.	90.	85.	87.	88.	96.	108.			67.	MAX TEMP # DAYS
	23	22	23	22	20	22	21	21	21			20	
1972	74.	76.											MAX TEMP # DAYS
	21	19											
1985		89.	82.		79.	96.	112.	97.	96.	104.	90.	85.	MAX TEMP # DAYS
		25	30		28	28	21	24	21	23	21	23	
1986	91.	90.	89.	91.	79.	88.	89.	97.	84.	87.		85.	MAX TEMP # DAYS
	20	20	20	27	23	21	23	21	21	23		21	
1987	86.	84.						104.				81.	MAX TEMP # DAYS
	22	23						29				24	

## 31 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1967	PART	40	36	40	41	47	59	62	58	PART	PART	PART	MISS
1968	PART	PART	PART	PART	PART	PART	46	50	49	40	36	25	MISS
1969	32	33	PART	32	PART	PART	PART	PART	55	PART	37	29	MISS
1970	29	34	PART	MISS	MISS	MISS	PART	PART	PART	39	MISS	PART	MISS
1971	PART	PART	PART	PART	PART	MISS	PART	PART	PART	MISS	MISS	PART	MISS
1972	PART	PART	PART	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1985	MISS	PART	PART	38	PART	PART	PART	PART	PART	PART	PART	PART	MISS
1986	PART	PART	PART	PART	PART	MISS	MISS	MISS	MISS	PART	MISS	MISS	MISS
1987	MISS	PART	37	41	46	49	49	51	PART	49	34	PART	MISS

MEAN \*\*\*\*\* 35.7\*\*\*\*\* 37.8\*\*\*\*\* 48.3 51.3 54.3 54.0 42.7 35.7\*\*\*\*\*99999999.0  
S.D. \*\*\*\*\* 3.78\*\*\*\*\* 4.031\*\*\*\*\* 1.000 6.807 6.658 4.683 5.508 1.528\*\*\*\*\*  
TOT OBS 2 3 2 4 3 3 3 2 3 2 0

# 31 - EXTREME VALUES

## MINIMUM TEMPERATURE (DEG F) (FROM DAILY OBS)

003154 CAMP PENDLETON, CA R LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PERIOD OF RECORD : 1966-1987 PAGE : 1

### YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1965										48. 23	41. 20	28. 21	MIN TEMP # DAYS
1967	36. 25									46. 22	41. 21	34. 20	MIN TEMP # DAYS
1968	35. 22	39. 19	33. 21	34. 22	40. 20								MIN TEMP # DAYS
1969			31. 29		43. 23	49. 27	46. 24	44. 30		41. 30			MIN TEMP # DAYS
1970			38. 29				51. 22	58. 25	47. 24			35. 24	MIN TEMP # DAYS
1971	28. 23	33. 22	31. 22	41. 22	46. 20		53. 20	59. 20	46. 21			30. 20	MIN TEMP # DAYS
1972	30. 21	33. 19											MIN TEMP # DAYS
1985		30. 25	33. 30		46. 28	45. 23	57. 21	51. 24	46. 21	45. 23	35. 23	30. 23	MIN TEMP # DAYS
1986	35. 20	30. 20	38. 20	40. 27	40. 23					42. 20			MIN TEMP # DAYS
1987		33. 22						49. 29				27. 24	MIN TEMP # DAYS

HEATING DEGREE DAYS (BASE 65 DEG F)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1967	MISS	312	275	377	200	175	8	0	0	MISS	MISS	MISS	MISS
1968	MISS	MISS	MISS	MISS	MISS	41	8	2	12	54	181	414	MISS
1969	287	346	MISS	235	MISS	MISS	MISS	MISS	0	MISS	109	317	MISS
1970	308	218	MISS	MISS	MISS	MISS	MISS	MISS	MISS	59	MISS	MISS	MISS
1971	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1972	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1985	MISS	MISS	MISS	110	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1986	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1987	MISS	MISS	232	82	45	4	2	1	MISS	6	152	MISS	MISS

COOLING DEGREE DAYS (BASE 65 DEG F)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD: 1966-1987

K

LAT. : 33 18N LONG. : 117 21W

ELEV. : 76 FT

PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1967	MISS	0	C	C	1	0	69	175	150	MISS	MISS	MISS	MISS
1968	MISS	MISS	MISS	MISS	MISS	27	160	135	140	24	2	C	MISS
1969	2	0	MISS	2	MISS	MISS	MISS	MISS	145	MISS	17	?	MISS
1970	0	0	MISS	MISS	MISS	MISS	MISS	MISS	MISS	40	MISS	MISS	MISS
1971	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1972	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1985	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1986	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1987	MISS	MISS	1	21	43	78	75	151	MISS	134	11	MISS	MISS

# 34 - YEAR/MONTH VALUES

MEAN TEMPERATURE (DEG F)  
(FROM DAILY OBS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD: 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	62.4P	58.6P	53.2P	MISS
1967	52.0P	53.8	56.1	52.4	58.5	60.5	66.9	70.6	70.0	63.8P	60.1P	52.7P	MISS
1968	53.7P	56.4P	56.6P	58.5P	60.6P	64.5	69.9	69.2	69.2	64.0	59.0	51.6	MISS
1969	55.8	52.6	52.5P	57.2	62.6P	63.8P	67.7P	70.6P	69.8	61.8P	61.9	54.8	MISS
1970	55.0	57.2	57.0P	MISS	MISS	MISS	69.9P	72.2P	70.7P	64.5	MISS	53.9P	MISS
1971	53.8P	54.4P	56.8P	58.4P	60.5P	64.9P	70.2P	76.0P	70.7P	MISS	MISS	49.1P	MISS
1972	50.1P	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1985	MISS	54.3P	54.6P	61.5	63.1P	67.2P	75.5P	71.1P	68.5P	67.1P	58.0P	56.7P	MISS
1986	59.5P	57.1P	60.0P	60.4P	63.3P	68.3P	69.6P	73.2P	65.7P	63.7P	MISS	55.0P	MISS
1987	50.7P	55.0P	57.5	62.9	64.9	67.4	67.3	69.8	71.1P	69.1	60.2	53.2P	MISS



TOTAL PRECIPITATION (INCHES)  
(FROM DAILY OBS)003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987

R

LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1966	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	.47	1.41	MISS	MISS
1967	2.13P	.00	1.84	1.93	.17	.05	.00	.02	.17	.00P	MISS	MISS	MISS
1968	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	.19	1.18	.97	MISS
1969	6.84	8.73	1.08P	MISS	.21P	.13P	.05P	.00P	.00	.05P	1.68	.43	MISS
1970	1.02	2.82	2.21P	.10P	.00P	.00P	.00P	.00P	.00P	.01	MISS	2.65P	MISS
1971	.37P	.90P	.00P	1.65P	MISS	.00P	.00P	.00P	.00P	MISS	MISS	MISS	MISS
1972	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1980	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1984	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1985	MISS	1.96	.42	.04	MISS	MISS	MISS	MISS	.06	MISS	.44	1.20	MISS
1986	.78P	3.93P	5.84P	.23P	.00P	.00P	.08P	.00P	.53P	.62P	MISS	1.98P	MISS
1987	2.39P	.91P	1.61	.34	.02	.03	.18	.02	.19P	3.32	1.01	3.39P	MISS

36 - WEATHER CONDITIONS  
ATMOSPHERIC PHENOMENON  
(FROM DAILY OBSERVATIONS)

003154 CAMP PENDLETON, CA  
PERIOD OF RECORD : 1966-1987  
LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT  
MONTH : ALL

MONTH	HOURS (LST)	TSTM	RAIN E/OP	FREEZE RAIN & FREEZE DRIZZLE	SNOW E/OP SLEET	HAIL	% OF OBS WITH PRECIP	FOG E/OP	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.3	41.9	.0	.0	2.3	41.9	65.1	32.6	.0	.0	74.4	43
FEB	DAILY	7.0	48.8	.0	.0	.0	48.8	65.1	20.9	.0	.0	65.1	43
MAR	DAILY	5.0	37.5	.0	.0	.0	37.5	55.0	17.5	.0	.0	55.0	40
APR	DAILY	.0	20.0	.0	.0	.0	20.0	95.0	50.0	.0	.0	95.0	20
MAY	DAILY	.0	37.5	.0	.0	.0	37.5	79.2	50.0	.0	.0	97.5	24
JUN	DAILY	.0	14.6	.0	.0	.0	14.6	95.8	62.5	.0	.0	100.0	48
JUL	DAILY	2.3	19.4	.0	.0	.0	19.4	88.9	75.0	.0	.0	94.4	36
AUG	DAILY	3.6	7.1	.0	.0	.0	7.1	89.3	60.7	.0	.0	96.4	28
SEP	DAILY	1.8	9.5	.0	.0	.0	9.5	56.3	55.4	.0	.0	72.3	112
OCT	DAILY	1.0	19.4	.0	.0	.0	19.4	71.8	62.1	.0	.0	83.5	103
NOV	DAILY	1.1	18.5	.0	.0	.0	18.5	57.6	44.6	.0	.0	65.2	92
DEC	DAILY	1.4	24.3	.0	1.4	1.4	24.3	48.6	32.4	.0	.0	56.8	74
ANN	DAILY	2.0	22.5	.0	.2	.3	22.5	67.1	47.8	.0	.0	75.4	663

NOTES :  
\* = PERCENT < .05

# STATION CLIMATIC SUMMARY

3134 CAMP PENDLETON, CA LAT. : 33 18N LONG. : 117 21W ELEV. : 76 FT

PERIOD OF RECORD (HOURLY): 1960-1987 PERIOD OF RECORD (DAILY) : 1966-1987

TEMPERATURE (DEG F)		PRECIPITATION (INCHES)		REL HUMIDITY (%)		PR WIND (KTS)		MEAN NO. OF DAYS WITH (6)		SKY/PRECIP. (SNOW-)		TEMP (DEG F)	
MEANS	EXTREME	PRECIP.	124H	124H	124H	124H	124H	124H	124H	124H	124H	124H	124H
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
JAN 65	42	54	91	25	***	***	***	***	***	***	***	***	***
FEB 66	47	55	90	30	***	***	***	***	***	***	***	***	***
MAR 67	45	56	90	31	***	***	***	***	***	***	***	***	***
APR 71	47	59	96	32	***	***	***	***	***	***	***	***	***
MAY 71	53	62	86	40	***	***	***	***	***	***	***	***	***
JUN 73	56	65	96	45	***	***	***	***	***	***	***	***	***
JUL 79	60	69	112	46	***	***	***	***	***	***	***	***	***
AUG 81	61	71	102	44	***	***	***	***	***	***	***	***	***
SEP 79	59	70	106	46	***	***	***	***	***	***	***	***	***
OCT 76	53	65	108	37	***	***	***	***	***	***	***	***	***
NOV 72	46	59	94	34	***	***	***	***	***	***	***	***	***
DEC 66	41	53	85	25	***	***	***	***	***	***	***	***	***
ANN 72	50	61	112	25	***	***	***	***	***	***	***	***	***
POR 22	22	22	22	22	**	**	**	**	**	**	**	**	**

## NOTES:

- T = TRACF AMOUNTS ( < .05, < .5 INCHES
- \* = MEAN NO. DAYS < .5 DAYS
- q = PRESSURE ALTITUDE IN TENS OF FEET (1.6.. 50 = 500 FEET)
- 5 = NAVY STATIONS REPORTED MAIL AS SNOWFALL
- NWS STATIONS REPORTED MAIL AS SNOWFALL FOR THE PERIOD JULY 1948-DECEMBER 1955.
- + = THE PREDOMINANT SKY CONDITION
- \* = VISIBILITY IS NOT CONSIDERED
- 6 = ANNUAL TOTALS MAY DIFFER FROM THE SUM OF THE MONTHLY VALUES BECAUSE OF ROUNDING
- ~ = 24 HOUR MAXIMUM PRECIPITATION AND SNOWFALL ARE DAILY TOTAL VALUES (MID-NIGHT TO MID-NIGHT TOTALS).
- \*\*\*\* = A STAR FILLED FIELD -- DATA NOT AVAILABLE